# Research report

# Introduction

# Background

This is Ofcom's eighth annual report on the consumer experience of telecoms, the internet, digital broadcasting and postal services. It discusses the results of our research programme, which measured how well consumers have fared over the past year in their use of these services.

This report has been published alongside Ofcom's Consumer Experience Policy Evaluation, which considers the key findings and trends emerging from the research and uses these to assess the impact of Ofcom's policy work and activities. This report focuses on the experience of residential consumers.

A variety of data sources were used in compiling this report: Ofcom's communications tracking survey, its residential consumer postal tracking survey and its annual consumer switching survey, supported by a range of ad-hoc research. The following is a brief outline of the tracking research used. Full details of the Ofcom tracking research used in this report are available in Annex 1.

#### Ofcom communications tracking survey

The communications tracking survey is run three times a year. It provides Ofcom with continuous understanding of consumer behaviour in the UK communications markets, helping us to monitor change and assess the degree and success of competition.

#### Ofcom consumer switching survey

Ofcom has run a survey of consumer decision-making since 2006, covering consumers in each of the fixed-line, mobile, fixed broadband and multichannel television markets, including bundle purchasers. Its main objective is to track the extent to which consumers participate in the communications markets. This survey is Ofcom's key data source for monitoring switching and satisfaction in communications markets.

#### Ofcom residential consumer postal tracking survey

The residential postal tracker is run throughout the course of the year and reported on a quarterly basis. The main objective is to help Ofcom to keep abreast of the UK postal market and to help us to quickly identify and react to any changes in attitudes and behaviours in the postal industry.

# **Example Of Research Report Writing Doc**

**Rosina Ehmann** 

**Example Of Research Report Writing Doc:** 

Eventually, you will agreed discover a extra experience and endowment by spending more cash. yet when? realize you allow that you require to acquire those all needs behind having significantly cash? Why dont you try to acquire something basic in the beginning? Thats something that will guide you to comprehend even more roughly speaking the globe, experience, some places, afterward history, amusement, and a lot more?

It is your entirely own times to pretend reviewing habit. in the course of guides you could enjoy now is **Example Of Research Report Writing Doc** below.

https://staging.conocer.cide.edu/results/scholarship/Download\_PDFS/how\_to\_train\_your\_viking\_by\_toothless\_the\_dragon.pdf

#### **Table of Contents Example Of Research Report Writing Doc**

- 1. Understanding the eBook Example Of Research Report Writing Doc
  - The Rise of Digital Reading Example Of Research Report Writing Doc
  - Advantages of eBooks Over Traditional Books
- 2. Identifying Example Of Research Report Writing Doc
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Example Of Research Report Writing Doc
  - User-Friendly Interface
- 4. Exploring eBook Recommendations from Example Of Research Report Writing Doc
  - Personalized Recommendations
  - Example Of Research Report Writing Doc User Reviews and Ratings
  - Example Of Research Report Writing Doc and Bestseller Lists
- 5. Accessing Example Of Research Report Writing Doc Free and Paid eBooks

- Example Of Research Report Writing Doc Public Domain eBooks
- Example Of Research Report Writing Doc eBook Subscription Services
- Example Of Research Report Writing Doc Budget-Friendly Options
- 6. Navigating Example Of Research Report Writing Doc eBook Formats
  - ∘ ePub, PDF, MOBI, and More
  - Example Of Research Report Writing Doc Compatibility with Devices
  - Example Of Research Report Writing Doc Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Example Of Research Report Writing Doc
  - Highlighting and Note-Taking Example Of Research Report Writing Doc
  - Interactive Elements Example Of Research Report Writing Doc
- 8. Staying Engaged with Example Of Research Report Writing Doc
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Example Of Research Report Writing Doc
- 9. Balancing eBooks and Physical Books Example Of Research Report Writing Doc
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Example Of Research Report Writing Doc
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Example Of Research Report Writing Doc
  - Setting Reading Goals Example Of Research Report Writing Doc
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Example Of Research Report Writing Doc
  - Fact-Checking eBook Content of Example Of Research Report Writing Doc
  - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development

- Exploring Educational eBooks
- 14. Embracing eBook Trends
  - Integration of Multimedia Elements
  - Interactive and Gamified eBooks

## **Example Of Research Report Writing Doc Introduction**

Example Of Research Report Writing Doc Offers over 60,000 free eBooks, including many classics that are in the public domain. Open Library: Provides access to over 1 million free eBooks, including classic literature and contemporary works. Example Of Research Report Writing Doc Offers a vast collection of books, some of which are available for free as PDF downloads, particularly older books in the public domain. Example Of Research Report Writing Doc: This website hosts a vast collection of scientific articles, books, and textbooks. While it operates in a legal gray area due to copyright issues, its a popular resource for finding various publications. Internet Archive for Example Of Research Report Writing Doc: Has an extensive collection of digital content, including books, articles, videos, and more. It has a massive library of free downloadable books. Free-eBooks Example Of Research Report Writing Doc Offers a diverse range of free eBooks across various genres. Example Of Research Report Writing Doc Focuses mainly on educational books, textbooks, and business books. It offers free PDF downloads for educational purposes. Example Of Research Report Writing Doc Provides a large selection of free eBooks in different genres, which are available for download in various formats, including PDF. Finding specific Example Of Research Report Writing Doc, especially related to Example Of Research Report Writing Doc, might be challenging as theyre often artistic creations rather than practical blueprints. However, you can explore the following steps to search for or create your own Online Searches: Look for websites, forums, or blogs dedicated to Example Of Research Report Writing Doc, Sometimes enthusiasts share their designs or concepts in PDF format. Books and Magazines Some Example Of Research Report Writing Doc books or magazines might include. Look for these in online stores or libraries. Remember that while Example Of Research Report Writing Doc, sharing copyrighted material without permission is not legal. Always ensure youre either creating your own or obtaining them from legitimate sources that allow sharing and downloading. Library Check if your local library offers eBook lending services. Many libraries have digital catalogs where you can borrow Example Of Research Report Writing Doc eBooks for free, including popular titles. Online Retailers: Websites like Amazon, Google Books, or Apple Books often sell eBooks. Sometimes, authors or publishers offer promotions or free periods for certain books. Authors Website Occasionally, authors provide excerpts or short stories for free on their websites. While this might not be the Example Of Research Report Writing Doc full book, it can give you a taste of the authors writing style. Subscription Services Platforms like Kindle Unlimited or Scribd offer subscription-based access to a wide range of

Example Of Research Report Writing Doc eBooks, including some popular titles.

#### **FAQs About Example Of Research Report Writing Doc Books**

What is a Example Of Research Report Writing Doc PDF? A PDF (Portable Document Format) is a file format developed by Adobe that preserves the layout and formatting of a document, regardless of the software, hardware, or operating system used to view or print it. How do I create a Example Of Research Report Writing Doc PDF? There are several ways to create a PDF: Use software like Adobe Acrobat, Microsoft Word, or Google Docs, which often have built-in PDF creation tools. Print to PDF: Many applications and operating systems have a "Print to PDF" option that allows you to save a document as a PDF file instead of printing it on paper. Online converters: There are various online tools that can convert different file types to PDF. How do I edit a Example Of Research Report Writing Doc PDF? Editing a PDF can be done with software like Adobe Acrobat, which allows direct editing of text, images, and other elements within the PDF. Some free tools, like PDFescape or Smallpdf, also offer basic editing capabilities. How do I convert a Example Of Research Report Writing **Doc PDF to another file format?** There are multiple ways to convert a PDF to another format: Use online converters like Smallpdf, Zamzar, or Adobe Acrobats export feature to convert PDFs to formats like Word, Excel, JPEG, etc. Software like Adobe Acrobat, Microsoft Word, or other PDF editors may have options to export or save PDFs in different formats. How do I password-protect a Example Of Research Report Writing Doc PDF? Most PDF editing software allows you to add password protection. In Adobe Acrobat, for instance, you can go to "File" -> "Properties" -> "Security" to set a password to restrict access or editing capabilities. Are there any free alternatives to Adobe Acrobat for working with PDFs? Yes, there are many free alternatives for working with PDFs, such as: LibreOffice: Offers PDF editing features. PDFsam: Allows splitting, merging, and editing PDFs. Foxit Reader: Provides basic PDF viewing and editing capabilities. How do I compress a PDF file? You can use online tools like Smallpdf, ILovePDF, or desktop software like Adobe Acrobat to compress PDF files without significant quality loss. Compression reduces the file size, making it easier to share and download. Can I fill out forms in a PDF file? Yes, most PDF viewers/editors like Adobe Acrobat, Preview (on Mac), or various online tools allow you to fill out forms in PDF files by selecting text fields and entering information. Are there any restrictions when working with PDFs? Some PDFs might have restrictions set by their creator, such as password protection, editing restrictions, or print restrictions. Breaking these restrictions might require specific software or tools, which may or may not be legal depending on the circumstances and local laws.

# **Find Example Of Research Report Writing Doc:**

how to train your viking by toothless the dragon

how to set timing chain marks on mazda b2600i 93

howard anton calculus 5th edition solutions

#### hp 2560 docking station manual

how to write a review paper on scientific article

hp 1910 8g switches owners manual

how to secure facebook fan pages step by step course

# how to take a screenshot on iphone 4g

how to write an autobiography essay about yourself

how to turn off service engine soon light bmw 325i

how to use manual focus lenses

# how to test a 3 phase electric motor with a multimeter

how to use a manual can opener with one wheel

#### how to take out your car radio

how to scan a document from hp printer to computer

#### **Example Of Research Report Writing Doc:**

#### puff en ivi fivat kampanyalı orijinal garantili trend buhar - Jul 20 2023

web puff modelleri ve puff bar fiyatları için yazımıcı inceleyin puff bar nedir puff belli bir çekim oranına sahip bir veya birden çok aromayı içeren kullanımı pratik olan yeni nesil bir elektronik sigara modelidir

puff bar satın al yeni nesil puff bar Çeşitleri gastlylikit - Mar 16 2023

web puff bar Çeşitlilik ve lezzetin buluştuğu elektronik sigara deneyimi elektronik sigaralar geleneksel sigaralara alternatif olarak hızla popülerlik kazanmıştır bu yeni nesil sigaralar farklı tat ve aromalar sunarak kullanıcılara benzersiz bir deneyim sağlamaktadır

# puff türkiye kullan at e sigara markaları tek kullanımlık e sigara - Jun 19 2023

web kullan at elektronik sigara markaları puff bar hqd elfbar vozol puff tech tobo aynı gün hızlı kargo güvenli kapıda ödeme seçenekleri

puff mega watermelon bubble gum puff türkiye - Nov 12 2022

web watermelon bubble gum puff mega sizi yazın sıcağında serinletmek için tasarlanmıştır sıradan bir karpuz buharı değil bu ağzınızı suya getirecek taze ve lezzetli bir patlamayla birleşen eşsiz bir baloncuk sakızı tadıdır bu mega boyutlu buharlaşma size 10 000 nefes alışı sunarak sonsuz bir yaz keyfi için yeterli

blue razz puff bar türkiye - Feb 15 2023

web 850mah pil ve doğrudan çekme sistemi kullanan puff flow herhangi bir şarj veya karmaşık ayarlar olmadan mükemmel lezzet sunmak için yeterli güce sahiptir puff flow özel buhar ayarlama imkanı ile en özel üründür Önceden doldurulmuş cihazı çalıştırmak için sadece nefes almanız yeterlidir

# puff mega watermelon puff türkiye - Dec 13 2022

web watermelon puff mega 10 000 puff elektronik sigara kullanıcıları arasında oldukça popüler bir seçimdir tatlı ve taze karpuz aroması sizi adeta bir meyve bahçesine götürecek bu ürün meyve aromaları sevenlerin favorisi olacak puffer vozol puff ve elfbar puff satış noktası - Aug 21 2023

web vozol puff ve elbar puff başta olmak üzere birçok puff markasının satış noktası kapıda Ödeme seçeneği ile kargolama 70 farklı aroma çeşidi ile hizmet veriyoruz puffer

# puff türkiye elf bar puff bar fiyat heets juul pod satın al - Apr 17 2023

web puff türkiye elf bar puff bar heets juul pod satın al puff türkiye puff bar elf bar bc 4000 elf bar te5000 elf bar bc5000 ultra heets juul pod satış sitesi elektronik sigara kartuş likit orijinal ürünleri kargo veya aynı gün kurye teslimi alabilirsiniz puff ve pod kit modelleri pufftr satış sitesi - May 18 2023

web puff ve pod kit modelleri pufftr satış sitesi orijinal puff modelleri salt likit çeşitleri juul ve pod esigara çeşitleri satış sitesi puff ve puff bar Ürünleri en ucuz fiyatlar likit servisi - Jan 14 2023

web vabar puff vabar kullanıcılarına geniş aroma çeşitliliği ve kaliteli bir vaping deneyimi sunan bir elektronik sigara markasıdır taşınabilirliği ve kullanım kolaylığı ile bilinen vabar hem yeni başlayanlar hem de deneyimli kullanıcılar için ideal bir seçimdir

#### pdf plant cytogenetics researchgate - Aug 07 2023

web jan 1 2012 fig 8 2 a generalized plant life cycle showing the haploid stage 1n gametophyte at the top and the diploid stage 2n sporophyte at the bottom meiosis and fertilization are the events that

# pdf plant cytogenetics researchgate - Sep 08 2023

web jan 1 2012 pdf the first cytological maps in plants were based on natural features such as centromeres the nucleolus organizing regions and find read and cite all the research you need on

#### plant cytogenetics methods and protocols springerlink - Mar 02 2023

web this volume covers a range of methods used in plant cytogenetics beginning with basic analysis of chromosomes and

visualizing gene locations to manipulating and dissecting chromosomes and then focusing on less understood features of chromosomes such as recombination initiation sites and epigenomic marks

#### download the paper plant cytogenetics ams istanbul edu - Nov 29 2022

web chromosomes methods in plant cytogenetics cell division reproduction methods chromosome nomenclature karyotype analysis chromosomal aberrations genome analysis transgenic crops and cytogenetics in plant breeding this new edition begins with a brief introduction on the historical aspect of cytogenetics and flows directly into

# plants special issue cytogenetics and plant evolution mdpi - $\mbox{\sc Apr}$ $03\ 2023$

web jan 31 2021 plants is an international peer reviewed open access semimonthly journal published by mdpi please visit the instructions for authors page before submitting a manuscript the article processing charge apc for publication in this open access journal is 2700 chf swiss francs submitted papers should be well formatted and use good

# download the paper plant cytogenetics pdf staging itsm - Jun 24 2022

web download the paper plant cytogenetics 1 download the paper plant cytogenetics techniques and basic experiments for the study of brain and behavior the foundations of genetics human chromosomes soybeans the quinoa genome flow cytogenetics principles of plant breeding the principles of clinical cytogenetics plant evolution and download the paper plant cytogenetics esource svb - Apr 22 2022

web 14 14 download the paper plant cytogenetics 2023 02 10 role of plant cytogenetics in plant genetics and genomics as currently practiced this breadth of coverage together with the inclusion of methods and instruction is intended to convey a deep and useful appreciation for plant cytogenetics

# download the paper plant cytogenetics ams istanbul edu tr - Aug 27 2022

web plant cytogenetics congress of neurological surgeons essential papers in neurosurgery download the paper plant cytogenetics downloaded from ams istanbul edu tr by guest lewis kingston evolution composition and regulation of supernumerary b chromosomes elsevier this book will serve as a primer for both laboratory and field pdf molecular cytogenetics in agriculture a researchgate - Jun 05 2023

web dec 18 2020 pdf cytogenetic studies in plant science are extremely old strategy and widely used in the crop improvements moreover the onset of molecular find read and cite all the research you need

#### the paper plant cytogenetics help environment harvard edu - Mar 22 2022

web the paper plant cytogenetics is simple in our digital library an online right of entry to it is set as public fittingly you can download it instantly our digital library saves in combined countries allowing you to acquire the most less latency times to download any of our books afterward this one

pdf plant cytogenetics 3rd edition academia edu - Oct 29 2022

web in this paper we present an overview of the most important cytogenetic tools that were developed for arabidopsis in recent decades it shows the power of meiosis for studying synaptic mutants and fish technology and the development of numerical and structural chromosome mutant series like trisomics telotrisomics and translocations for download the paper plant cytogenetics api smtpprovider - Feb 18 2022

web 2 download the paper plant cytogenetics 2022 04 08 range of topics including plant reproductive systems germplasm for breeding molecular breeding the common objectives of plant breeders marketing and societal issues and more

#### pk gupta cytogenetics download free pdf or buy books - Jul 26 2022

web gupta pk kulwal pl rustgi s 2005 wheat cytogenetics in the genomics era and its relevance to breeding cytogenet genome res 109 315 327 view pdf by k gupta  $\hat{A}$  2002  $\hat{A}$  cited by 508  $\hat{a}$  p k gupta  $\hat{A}$  h s balyan  $\hat{A}$  k j edwards  $\hat{A}$  p isaac from rflp and cytogenetic analysis data not shown of 115 rils

# 3838 pdfs review articles in plant cytogenetics - Jul 06 2023

web explore the latest full text research pdfs articles conference papers preprints and more on plant cytogenetics find methods information sources references or conduct a literature review on

#### download the paper plant cytogenetics pdf ams istanbul edu - Sep 27 2022

web plant cytogenetics buckwheat jesuits and the book of nature chromosome manipulation for plant breeding purposes the genus trifolium download the paper plant cytogenetics downloaded from ams istanbul edu tr by guest dominique ballard plant biosystematics springer this volume is a compilation of twenty articles written by

a historical and modern perspective on plant cytogenetics - Feb 01 2023

web jan 28 2010 plant cytogenetics has continued to flourish and make essential contributions to genomics projects by delineating marker order defining contig gaps and revealing genome rearrangements here we review the field of plant cytogenetics from its conception through the eras of molecular biology and genomics plant cytogenetics and cytogenomics springer - May 04 2023

web authoritative and practical plant cytogenetics and cytogenomics methods and protocols serves as an ideal resource for plant scientists interested in molecular and evolutionary biology breeding systematics and plant omics in general download the paper plant cytogenetics ams istanbul edu tr - May 24 2022

web 2 download the paper plant cytogenetics 2020 11 23 download the paper plant cytogenetics downloaded from ams istanbul edu tr by guest morrow rodgers biology of brassica coenospecies lulu com plant biosystematics is a compendium of papers from a symposium titled plant biosystematics forty years later held in

plant cytogenetics a rebirth in twenty first century semantic -  ${\sf Dec}\ 31\ 2022$ 

web two major areas of research took over these were plant genomics involving whole genome sequencing and plant

epigenomics involving study of nuclear architecture chromatin remodeling and histone modifications and variants the histone code during the last few decades of the last century emphasis on classical plant cytogenetics largely declined

# pdf plant cytogenetics researchgate - Oct 09 2023

web pdf on jan 1 2017 ram j singh published plant cytogenetics find read and cite all the research you need on researchgate **police dog simple english wikipedia the free encyclopedia** - Nov 15 2022

web a police dog also called a k 9 is a dog trained to help police and other law enforcement people german shepherds are the most common breed but other breeds are also used if a police dog is killed in duty it is usually given a full police funeral 1 types of police dogs and how they use their noses american kennel club - Mar 07 2022

web nov 17 2021 the police use a dog s nose to support them in various activities here s a look at different types of police dogs and how they use their sense of smell

flydog k9 - Jun 10 2022

web we provide different types of detection dogs patrol and police dogs handler training quality control and consultancy services too

police dog breeds that help law enforcement great pet care - Feb 18 2023

web dec 16 2020 6 police dog breeds that help law enforcement by molly petrilla i reviewed by elizabeth racine dvm on 12 31 2021 published on 12 16 2020 dogs have been formally called on to help police fight crime and track down suspects since the late 1880s though their role in serving and protecting humans goes back many centuries

training the world s toughest police dogs big dogz youtube - May 09 2022

web jan 2 2020 subscribe to beastly bit ly 2cecjy0 oklahoma based company torchlight k 9 has been training super agile belgian malinois dogs for the us police force for over 35 years ted summers their

k 9 police dog use surges in turkey hürriyet daily news - Dec 16 2022

web dec 24 2015 k 9 police dog use surges in turkey istanbul anadolu agency aa photo turkey s first cynology conference has revealed that the use of k 9 unit police dogs has surged in the country due the recent increase in security operations and terror threats

what is a police dog dogcentral org - Feb 06 2022

web jan 20 2022 a police dog is a dog which has been trained to assist police with law enforcement tasks there are a number of different specialized tasks which can be performed by police dogs ranging from assistance with apprehending suspects to sniffing out hazardous materials

11 police dog breeds with photos most effective oodle life - Apr 08 2022

web police dogs also known as k9 units are special dog breeds that form a crucial part of law enforcement agencies all over

the world with their keen sense of smell excellent stamina and sharp instincts police dogs contribute to law enforcement in various ways

the ultimate guide to police dogs everything you need to - Jan 05 2022

web aug 29 2021 police dogs are highly trained service dogs that assist law enforcement personnel in a variety of specialized tasks they undergo a lengthy training process in order to become experts at their jobs and ensure they police k9 detection training britannica - Mar 19 2023

web dogs were first trained for police work at the turn of the 20th century in ghent belg and the practice was soon adopted elsewhere although certain breeds with especially keen senses have been used for special purposes such as detecting caches of illegal drugs and explosives and tracking fugitives and missing persons the most widely

dogs in the police force military types roles purina - Sep 13 2022

web military and police dogs are amazing in all sense of the word these pups with super powered noses assist in a huge range of duties for law enforcement including everything from drugs detection to general protection work learn all you need to know about the types of police dogs and the duties they carry out with purina

# utilization of police dogs a turkish perspective researchgate - Jan 17 2023

web may 29 2009 police service dogs decrease the time required and increase success in crime detection the purpose of this paper is to review the different fields of police service dog training programs to

12 top police dog breeds pictures facts history pet keen - Jul 11 2022

web jul 30 2023 the german shepherd is one of the most valuable police force and military breeds the world over they have only grown in the field being arguably the most prevalent police dog today necessary characteristics german shepherds have optimal intelligence terrific stamina and willingness to work

#### dogs remain key partners for turkish police in fighting crime - Apr 20 2023

web apr 14 2022 in istanbul dogs work as official personnel of riot police counter narcotics police bomb disposal units and public order branches and each has a police id just like their human partners a veteran police dog handler of more than two decades recounted the partnership and praised the skills of his canine partner working at the istanbul

#### 15 most popular police dog breeds top dog tips - Jun 22 2023

web oct 11 2021 which is the best police dog some of the best police dogs include the german shepherd belgian tervuren rottweiler doberman pinscher giant schnauzer labrador retriever and dutch

what do k 9 police dogs do american kennel club - Jul 23 2023

web sep 3 2021 police dogs are trained to bite dangerous suspects and hold them hostage in many situations they are the first ones to put their lives on the line and go in against an armed suspect to protect

#### 11 police dog breeds pictures facts history hepper - May 21 2023

web sep 22 2023 just as it takes a special police officer to become a police dog handler it also takes a special dog to become a police dog and very few dogs are suitable for the work some breeds are certainly better than others yet even within the most popular police dog breeds not all dogs can make the grade which is why most police agencies use about k 9s national police dog foundation - Aug 12 2022

web a police dog also known as k 9 or k9 a homophone of canine is a dog specifically trained to assist members of law enforcement dogs have been used in law enforcement since the middle ages the most commonly used breeds are german shepherds and belgian malinois but several other breeds are represented having some unique talents 19 brave police dog breeds law enforcement dogs the - Oct 14 2022

web oct 25 2022  $\,$  military police dogs these are the most popular police dog breeds serving humans all over the world however there are a lot more local dog breeds that serve mainly in their home countries these highly trained police dogs are generally called k 9 which is a homophone of canine

police dog wikipedia - Aug 24 2023

web a police dog is a dog that is trained to assist police and other law enforcement officers search and rescue or the military their duties may include searching for drugs and explosives locating missing people finding crime scene evidence protecting officers and other people and attacking suspects who flee from officers