

# Class 6: I'm Into Internet

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## What is the Internet?

The Internet is a worldwide network of computers that hold large amounts of information- for your benefit. It also enables people across the world to communicate.

- *A network* is a collection of computers that are linked together
- *Internet/net*- a worldwide network
- *Download*- to transfer information from the net to your computer



***OK, why is it for me?***

Accessing the internet is a key skill in today's global world. Look at some of the things that you can do on the net:

- *Newsgroups*: discussion groups on the Internet. You can participate in discussions on different topics, exchange ideas and news with people all over the world.
- *Online chatting*- users can communicate 'live' with one another across the world
- *File transfer protocol*- you can use files and software free on the net
- *WWW (World Wide Web)*- a collection of web sites on the net. They are linked together to form a global web of information.
- *E mail*- You can send and receive messages in a few seconds. The Internet is the fastest postman you can find.



## How do you connect to the Internet?

First, you need a computer (that's not meant to be a mokka joke).

You need **an account with an Internet Service Provider** (ISP) like BSNL/Airtel/Reliance (remember the ads on TV), **a telephone line** and a **modem**. The ISP will give you a **username and a password** that you need to use every time you connect to the Internet.

The modem connects your PC to the internet through the phone line. This can be inside (internal) or outside (external modem) your computer. In the class, we use a card modem- like a small card- to connect to the Internet.

## The World Wide Web (WWW)

**The WWW is a collection of pages of information on many topics.** These pages include text, images and sounds too.

A web site is a collection of web pages linked to one another

Web page- A single page of information on a web site

URL- The address of a web site, like [www.google.com](http://www.google.com) or [www.yahoo.com](http://www.yahoo.com)

Home page- The first page of a particular web site

Default home page- The first page that you see in the browser

Web browser- A software on your computer that is used to access and view any information on the net. Microsoft Internet Explorer and Mozilla Firefox are commonly used browsers.

Web server- A large computer that stores a web site is called a web server.

## What does the Web offer?

The WWW offers information on any topic you want.

**News:** It gives you the latest news on any event. Visit [www.ndtv.com](http://www.ndtv.com) or [www.timesofindia.com](http://www.timesofindia.com) for the latest news.

**Educational information-** Websites like [www.wikipedia.org](http://www.wikipedia.org) offer a lot of useful information about almost every topic that you want.

The web is also used for **advertising, shopping** and a variety of other issues **like literature/poetry reading, music, movies, sports**, etc.


## Internet Explorer

Internet Explorer is a commonly used web browser that is freely available on Windows. It allows you to browse web sites on the WWW. You can also send and receive messages online.


- Online- being connected to the Internet
- Logging on- Getting connected to the Internet and visiting a web site
- Offline- not being connected to the Internet
- Hyperlink- It is a shortcut to another web page. [It is always underlined like this](#)
- HTML- It is a language used to create web pages. You can learn to use this if you're interested in creating your own web page.

## Launching Internet Explorer (IE)



Launching Internet Explorer is very easy. **Double click** the  icon on the Windows desktop. Internet Explorer opens a window with a web site called the default page (usually [www.google.com](http://www.google.com) or [www.msn.com](http://www.msn.com)).

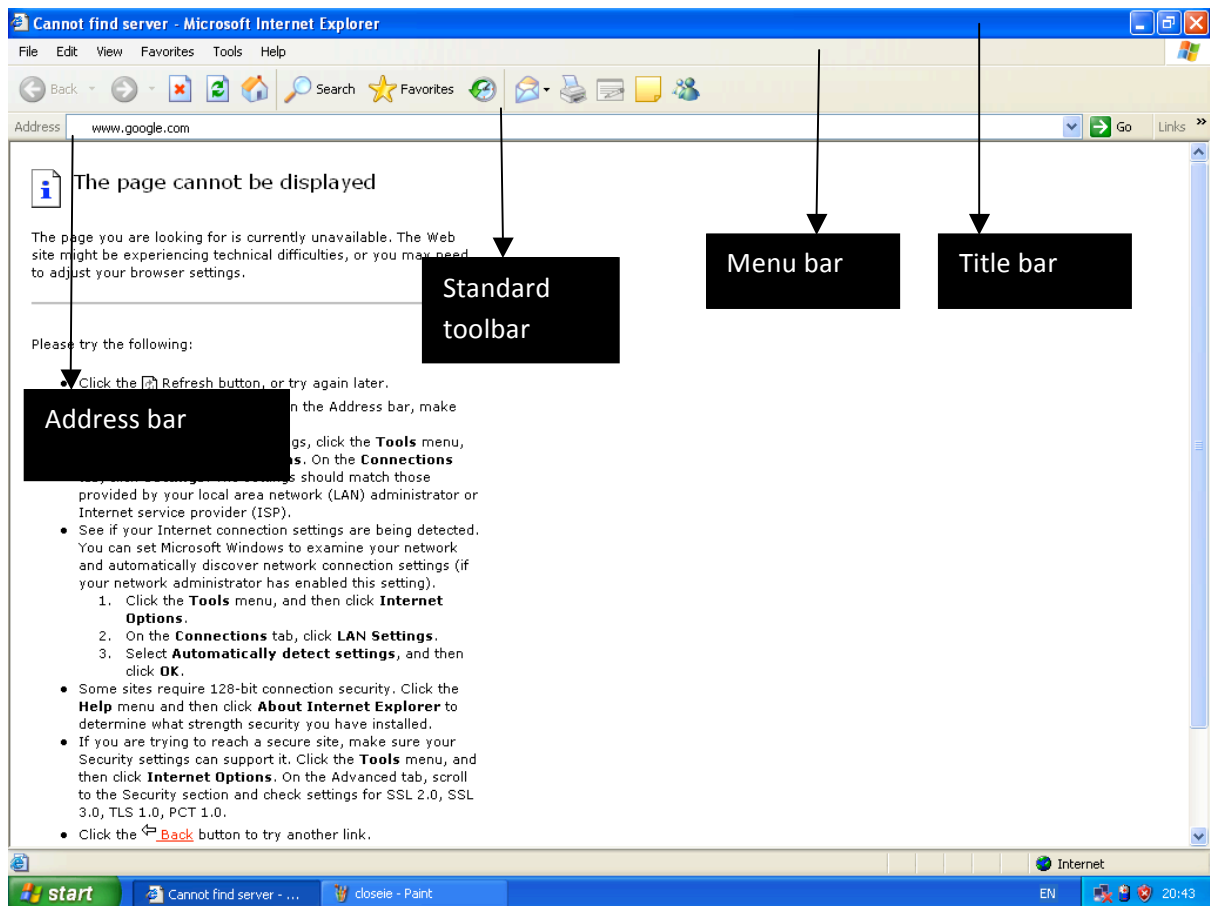
## Closing IE

Click the X (  ) button on the top right hand corner of the screen to close IE.

## The IE Window

The important parts of the IE window are-

- **Title bar**- displays the current website
- **Menu bar**- It contains the main menu, though most instructions only require the use of the icon buttons
- **Standard toolbar**- It contains several icon buttons that you can click for commonly used instructions as you will learn later.
- **Address bar**- In this bar, you type the address of the website you want to visit



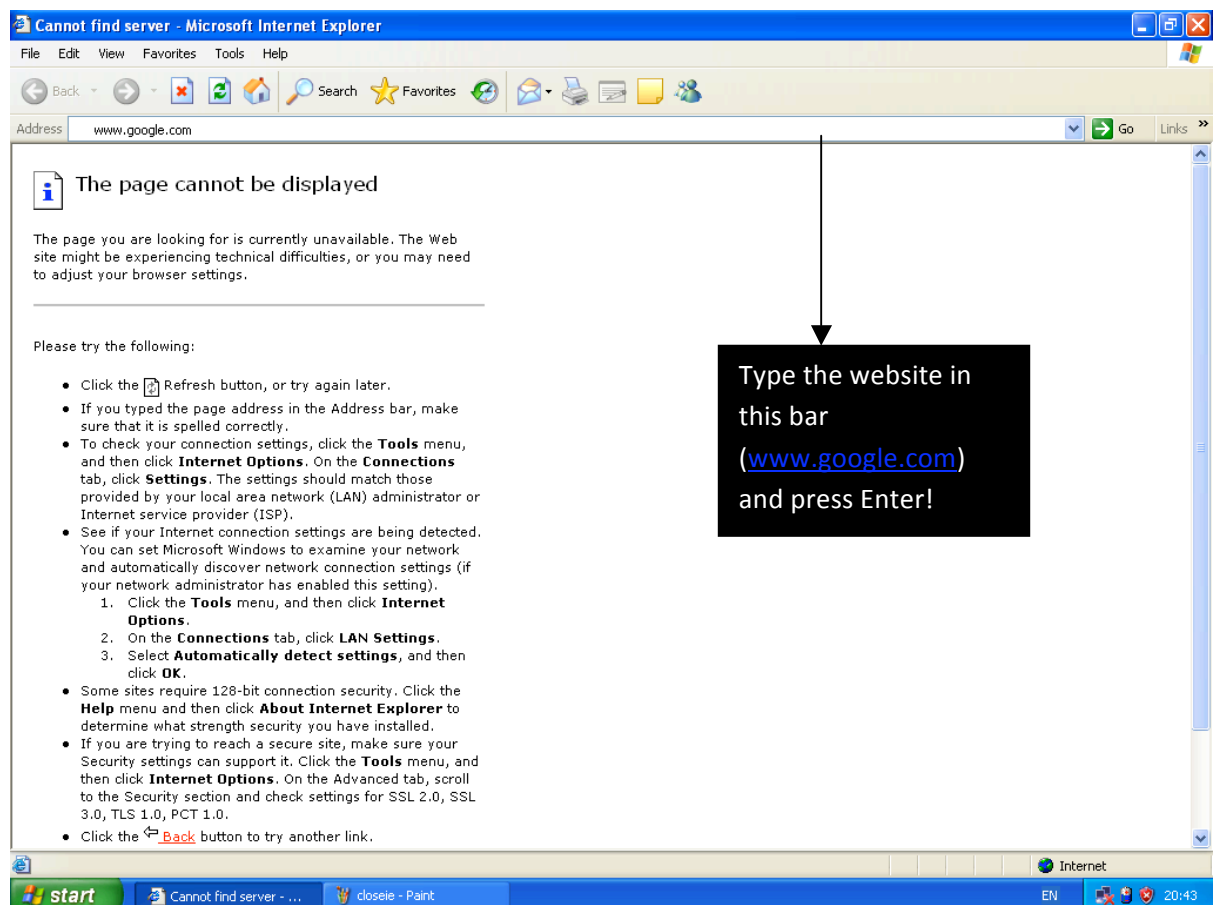
## Activity Time!

Your tutor will give you a list of websites. Try browsing them and tell us what you feel. See how easy it is to use the Internet!

# Class 7: More on IE

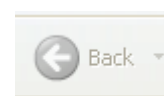
## Connecting to a site

1. Click on the Address bar to highlight the current address
2. Type the new address, say [www.wikipedia.org](http://www.wikipedia.org)
3. Press the Enter key
4. Click on any hyper link to go further in the site



## Navigating backward and forward

To move to the previous site, on the Standard toolbar, click the Back button



To go to the page before you used the **Back** button, click the Forward button



## Using Stop and Refresh

If you want to stop downloading the page, click the **STOP** button.



If you want to reload the page again, click the **Refresh** button.



## Using History

IE maintains a record of the web pages you have visited for the past 3 weeks. To visit the history,

click the history button.

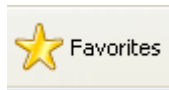


Click on any website that you visited, say yesterday, and IE will open it for you.

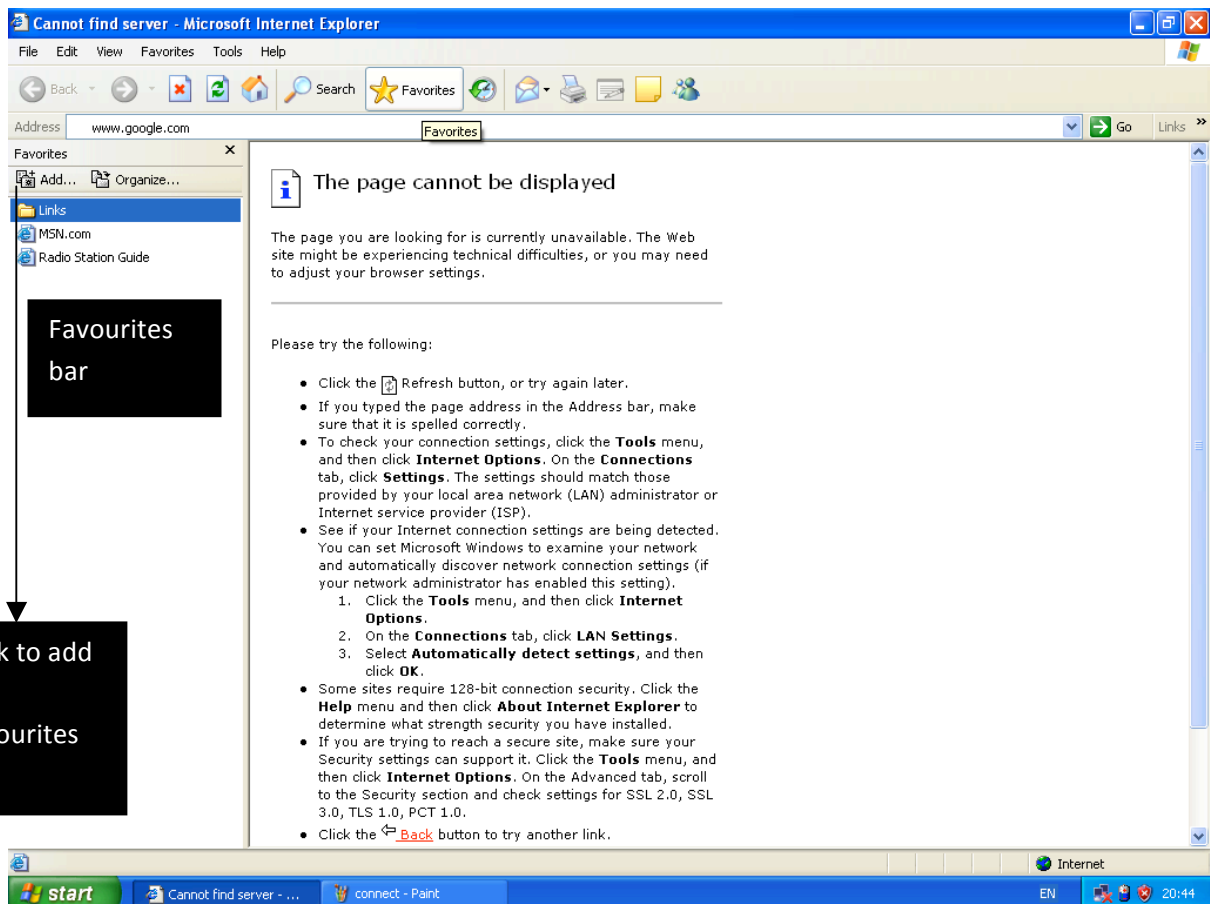
## Using Favourites

IE allows you to store the names of your Favourite sites.

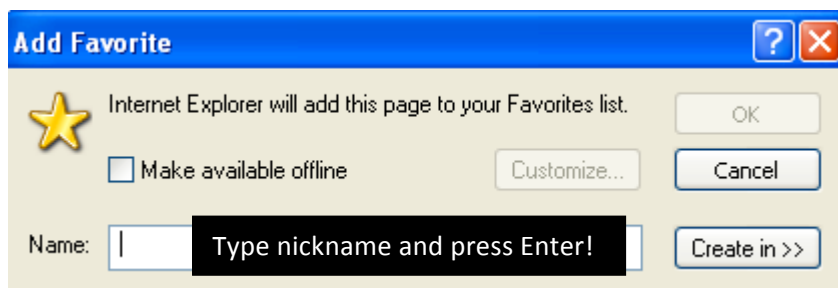
Click the **Favourites** button



and the Favourites bar will appear on the left hand side.



Click **Add** to add a new website, type a nickname for the favourite and press Enter.



## Search engine

A search engine is site on the WWW that will search the web for a few keywords that you give. You can find several web sites using a search engine. The most popular search engine is called Google, [www.google.com](http://www.google.com). Using a search engine is similar to using a phone directory to find the numbers of people you know, using their names.

## Using a search engine

To search for a few keywords, like Michael Jackson, log on to [www.google.com](http://www.google.com)



Search: ☒ the web ☐ pages from India

[Advanced Search](#)  
[Preferences](#)  
[Language Tools](#)

Google.co.in offered in: [Hindi](#) [Bengali](#) [Telugu](#) [Marathi](#) [Tamil](#) [Gujarati](#) [Kannada](#) [Malayalam](#) [Punjabi](#)

[Advertising Programs](#) - [About Google](#) - [Go to Google.com](#)

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In the textbox type **the keywords like Michael Jackson** and press **Enter** to see the results:



Michael Jackson		<a href="#">Advanced Search</a>
		<a href="#">Preferences</a>
		<a href="#">Language Tools</a>
michael jackson songs	14,000,000 results	
michael jackson videos	19,000,000 results	
michael jackson you tube	6,250,000 results	
michael jackson songs download	1,590,000 results	
michael jackson lyrics	708,000 results	
michael jackson islam	1,460,000 results	<a href="#">Malayalam</a> <a href="#">Punjabi</a>
michael jackson dead	8,840,000 results	
michael jackson albums	6,580,000 results	
michael jackson dangerous	52,600,000 results	
michael jackson news	29,300,000 results	
	<a href="#">close</a>	

Search results:



[Advanced Search](#)  
[Preferences](#)Search: ☒ the web ☐ pages from India**Web** [Show options...](#)

### News results for **Michael Jackson**

[New York Times](#)

**Michael Jackson memorial: Council members press to learn costs and ...** - 5 days ago  
For those keeping track of potential **Michael Jackson** investigations, here are a couple of new requests to add to the list. Los Angeles City Councilmembers ...

[Los Angeles Times](#) - [21550 related articles »](#)

[Michael Jackson got his children 'married': Report](#) - [Times of India](#) - [2750 related articles »](#)  
[Gary, Indiana Hosts Michael Jackson Memorial](#) - [Voice of America](#) - [4475 related articles »](#)

### **Michael Jackson** - Wikipedia, the free encyclopedia

**Michael Joseph Jackson** (August 29, 1958 – June 25, 2009), dubbed the King of Pop, was an American musician and entertainer. One of the most commercially ...

[en.wikipedia.org/wiki/Michael\\_Jackson](http://en.wikipedia.org/wiki/Michael_Jackson) - [Cached](#) - [Similar](#) -

### **Michael Jackson** (writer) - Wikipedia, the free encyclopedia

**Michael Jackson** (27 March 1942 – 30 August 2007) was an English writer and journalist. He was the author of several influential books about beer and whisky. ...

[en.wikipedia.org/wiki/Michael\\_Jackson\\_\(writer\)](http://en.wikipedia.org/wiki/Michael_Jackson_(writer)) - [Cached](#) - [Similar](#) -

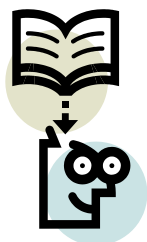
[More results from en.wikipedia.org »](#)

### The Official **Michael Jackson** Site

Music videos, audio streams, photos, discography, news, tour dates, message board, icons, wallpapers, store, mailing list and more from **Michael Jackson's** ...

[www.michaeljackson.com/](http://www.michaeljackson.com/) - [Cached](#) - [Similar](#) -

Click any of the underlined text to know more.



### Search tips

To refine your searches, use **double inverted commas** for **exact occurrences** of your keywords- e.g. "Michael Jackson".

Use the "**advanced search**" option to get fast and efficient results.



## Activity Time!

What is your favourite topic?

Choose a movie, actor, sportsman or anything else you like.

Search them on **GOOGLE** and write 5 interesting details about them!

# Class 7: Introduction to E-mail

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## What is an e-mail?

E-mail stands for electronic mail. Once you connect to the internet, you can create an online mailbox (or post-box- like the one you have at home except that this one is less heavy) and send messages to anyone anywhere in the world in a few seconds... and usually it's free!

Some clients like Gmail allow you to CHAT online... so if your parents complain of telephone bills, you can now chat online for free.

### Some definitions-

- **Mailbox-** an area on the server that stores all the messages of a particular e-mail account.
- **Mail server-** a large computer used to send and receive e-mail messages. The messages are stored here till you read and delete them (throw them away).
- **E-mail address-** The general form of an e-mail address is:
- [Username@host.com](#)
- The **username** is anything you choose, provided someone does not already have it. Choose one that is easy to remember and (preferably) includes your name too.
- **@:** pronounced "at", it separates the username from the host.
- **Host:** this is the name of the server that the e-mail address uses.

For example, look at [abc@gmail.com](#):

abc is the username.

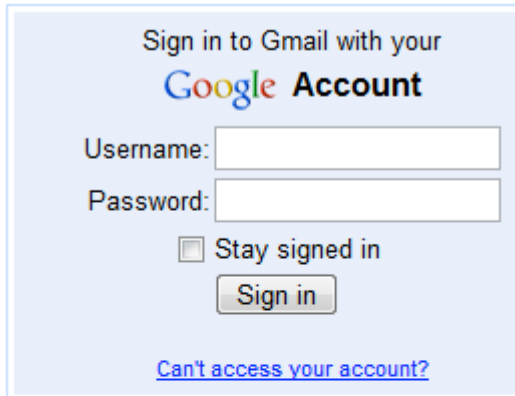
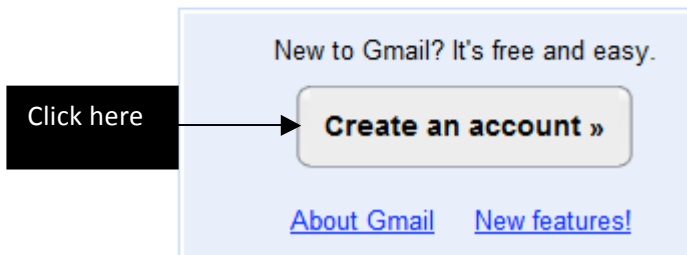
Gmail is the host/server.

## Creating an account

You can create a free account with a popular web-based client like Yahoo, Gmail, etc.

In the class, we will create a Gmail account as it offers several features besides e-mail that are all free of cost.

1. Log on to [www.gmail.com](http://www.gmail.com)

A screenshot of the Gmail sign-in page. It has a light blue background. At the top, it says "Sign in to Gmail with your" followed by the "Google Account" logo. Below this are two input fields: "Username:" and "Password:". Under the password field is a checkbox labeled "Stay signed in". Below the checkbox is a "Sign in" button. At the bottom, there is a link that says "Can't access your account?".A screenshot of the Gmail account creation page. It has a light blue background. At the top, it says "New to Gmail? It's free and easy." Below this is a large button that says "Create an account »". To the left of this button, there is a black rectangular box with the text "Click here" and an arrow pointing to the "Create an account »" button. Below the button are two links: "About Gmail" and "New features!".

2. Click the "create an account" button
3. Fill up the form as shown: You have to provide a username and a password. DO NOT give your password to anyone and remember it all the time.

## Create an Account

Your Google Account gives you access to Gmail and [other Google services](#). If you already have a Google Account, you can [sign in here](#).

### Get started with Gmail

**First name:**

**Last name:**

**Desired Login Name:**  @gmail.com  
Examples: JSmith, John.Smith

**Choose a password:**  **Password strength:** Strong  
Minimum of 8 characters in length.

**Re-enter password:**

Type your username

Click here to check if username accepted

Type an 8 letter password and re-enter. Keep CAPS lock off!


**Security Question:**    
If you forget your password we will ask for the answer to your security question. [Learn More](#)


**Answer:**

**Secondary email:**   
This address is used to authenticate your account should you ever encounter problems or forget your password. If you do not have another email address, you may leave this field blank. [Learn More](#)

**Location:**

**Word Verification:** Type the characters you see in the picture below.



  
Letters are not case-sensitive

Type an answer to the security question

Type the characters that you see here

4. Click the  button

5. Your new e-mail address is done!



### **Activity Time!**

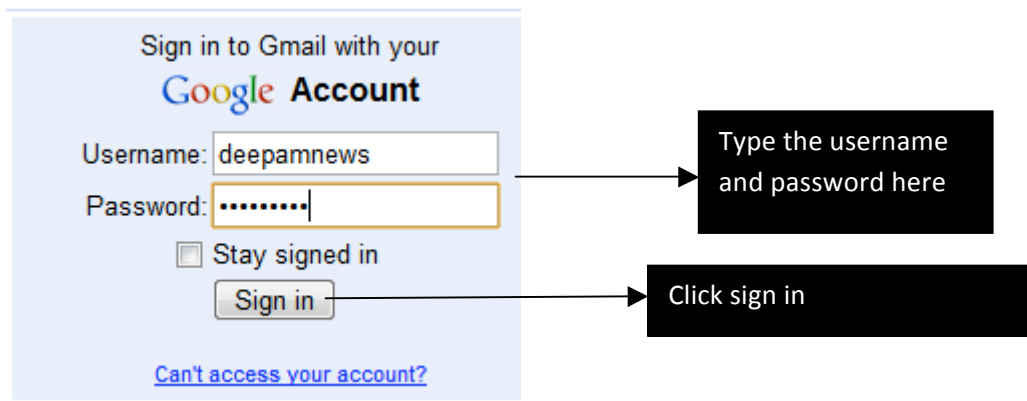
Your tutor will create an account for you. Think of a good username and a password.

# Class 9: Using E-mail

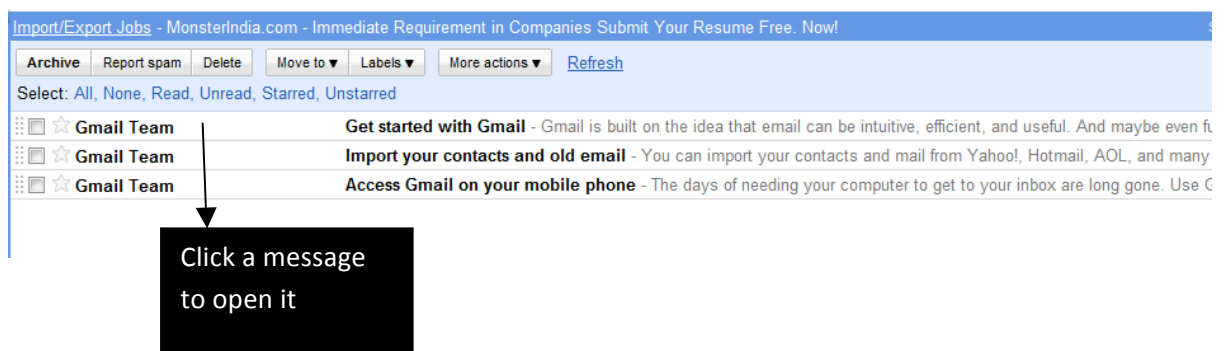
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## Accessing your account

1. To log in to your email, go to [www.gmail.com](http://www.gmail.com)
2. **Type in the username and password** you created! That's why you must not forget your password.



3. Click **Sign in**
4. Gmail will show you the inbox- click any message to open it.



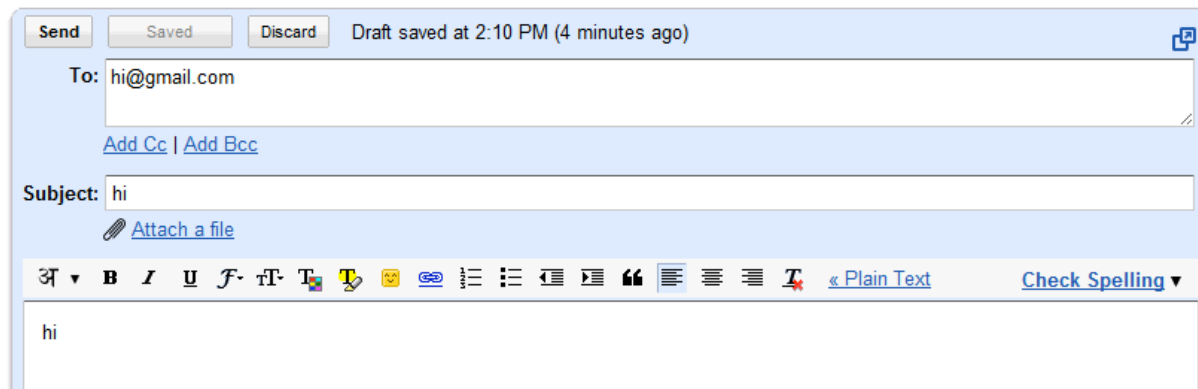
Your new mails always appear in the **Inbox**. Click the inbox button to check any mail.

## Sending mail

1. To send mail, click the [Compose Mail](#) icon on the left hand side of the page.



hi



Send Saved Discard Draft saved at 2:10 PM (4 minutes ago)

To: hi@gmail.com

[Add Cc](#) | [Add Bcc](#)

Subject: hi

[Attach a file](#)

[Plain Text](#) [Check Spelling](#)


hi

Make any changes you want and complete the message. Click Send, as usual, to send the message.

## Replies and forwards


### *Replies:*

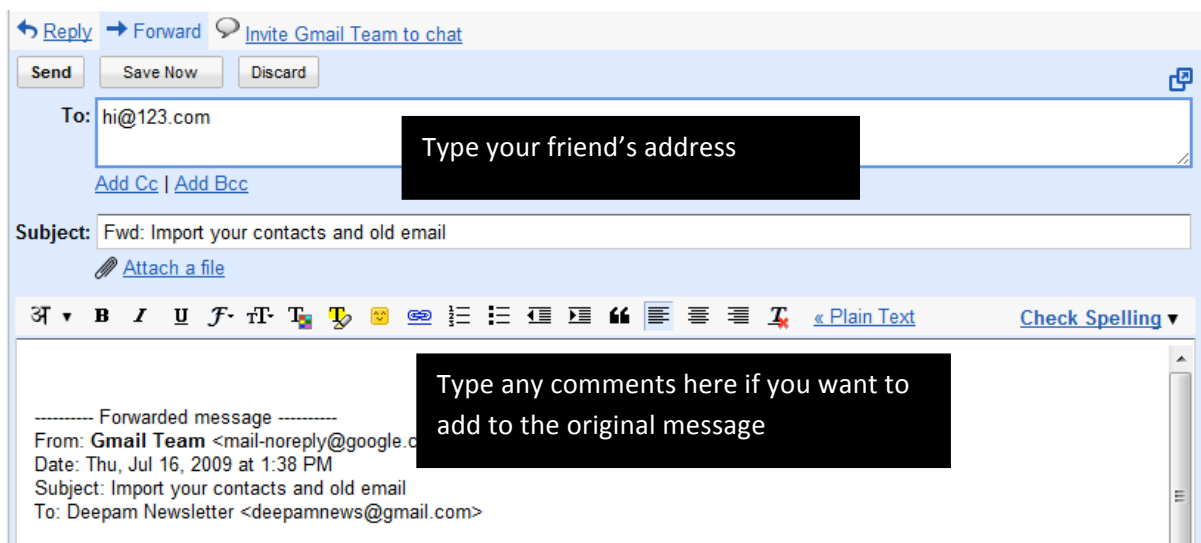
When you receive a message from your friend and you want to reply, just click the **Reply**

 button. You don't have to type his mail address again. Follow the same directions to send the message as shown before.

### *Forwards:*

If you receive a message that you want to send to *another* friend, click the **Forward** button at the

bottom of the message . This way, you need not copy the entire message again, and you can add your own comments also in the box.



[Reply](#) [Forward](#) [Invite Gmail Team to chat](#)

Send Save Now Discard

To: hi@123.com

[Add Cc](#) | [Add Bcc](#)

Subject: Fwd: Import your contacts and old email

[Attach a file](#)

[Plain Text](#) [Check Spelling](#)

----- Forwarded message -----  
From: Gmail Team <mail-noreply@google.com>  
Date: Thu, Jul 16, 2009 at 1:38 PM  
Subject: Import your contacts and old email  
To: Deepam Newsletter <deepamnews@gmail.com>

Type your friend's address

Type any comments here if you want to add to the original message

Again, type the address of your friend in the **To:** box and click **Send**.



## Logging off

After you want to quit, you have to SIGN OUT without fail- just like you have to lock your post box after you finish browsing through your mail.

Click the | [Sign out](#) button on the top right hand corner of the screen to exit.

That's all for now.



## Activity Time!

1. Your tutors will send you a nice email. Give them a good reply!
2. Write an email to your friend in the class and he/she will reply to your email.

## Class 10: Evaluation

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## Class 11: Revision of Internet

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## Class 12: E-learning

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### **What is E-learning?**

Electronic learning is the use of interactive/electronic media to assist the process of learning.

The purpose of using IT (Information technology) in education is to make learning inexpensive, easily accessible, self-paced and recreational. E-learning has succeeded as it uses audio-visual learning aids to supplement the teaching in the classroom.

E-learning is an important technology in India as it has enabled learning to take place in regions as remote as the North-East and tribal areas that are not easy to reach.

Universities like Anna University and IIT have utilised E-learning to post some courses online for the benefit of people like you and me.

E-learning, in its most common form, is educational software and gaming that allows children to learn and have fun at the same time.

## Forms of E-learning

Though E-learning has been used to teach school curriculum or complement it, it is also widely used in industry for on-the-job training. Virtual universities that offer courses online are very popular in the US and are soon going to reach India.

As of now, E-learning has been used in computer-based-testing (CBT) where candidates take an exam online instead of on paper.

For this class, we will restrict ourselves to the use of Internet and educational software.

## Wikipedia: an online resource

Wikipedia ([www.wikipedia.org](http://www.wikipedia.org)) is a free, online encyclopaedia. It is often said that if you don't find information about something on Wikipedia, you will not find anything about it on the entire Internet.

An interesting feature is [http://simple.wikipedia.org/wiki/Main\\_Page](http://simple.wikipedia.org/wiki/Main_Page) (Wikipedia in simple English). This website is exclusively for children and learners of English and can be informative as well as an English-teaching tool at the same time

There is also a Tamil-version that is currently being established.



### Activity Time

Visit Wikipedia and write 5 facts about your favourite author

## Online newspapers

Several newspapers are available online, including the Times Of India ([www.timesofindia.indyatimes.com](http://www.timesofindia.indyatimes.com)) , [www.dinakaran.com](http://www.dinakaran.com) (Dinakaran) and so on...

This is one of the most important uses of the Internet- access to news at the touch of a button.



### Activity Time

Visit a newspaper that your tutor will name and read out a headline from local/national/international news.

### Open source educational software

There is plenty of free software on the internet that allows you to learn concepts in a hassle-free, fun and creative way.

You can try some of the software at <http://www.e-learningforkids.org/courses.html> to see how much fun it is to learn on the internet, without a thick textbook or a grumpy teacher.

That's all you've to know about E-learning. On to some fun activities with your tutors' to guide you when you're stuck:



### Activity Time

1. Your tutor will give you each of you a surprise website (hint: you're going to play a game!). Have fun on the internet winning the game!
2. Learn a new proverb or joke online and share it with the class
3. Learn a difficult word from [www.dictionary.com](http://www.dictionary.com) and share it with the class.
4. A surprise task from your tutor.