

Introduction To Web Graphic SKM 1383

Revision...



Dr-qais.com



Dr.-Prince ShahZadah

What is A Computer?



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It is an **electronic**
Machine
Takes instruction
(**Input**)
Has memories **to store**
instruction



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What is A Computer?

Uses the instruction and understands

Accepts or **rejects** the instruction

Stores the results

Output the result



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Who is involved?

Computer

Software

Hardware

You and Me

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Next

Internet



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The Internet

Interconnected networks or computers
transmit information using
a special Internet Protocol (IP).

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What Is Internet?

1. Computer networks
2. Single computer at home
3. Telephone system
4. Television system
5. Hand sets

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The Internet And the Web

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The Internet

The Internet is the **infrastructure**: such
as the **cables**, the **telephone lines**
and the **computer**
networks itself.

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The Web

The Web is just one **application** of the Internet.

Other Internet applications include **e-mail, chat** rooms and **newsgroups**.

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The Web

The Web is made up of **information** on Web sites.

The Web sites are **stored** on **computers** linked to the **Internet**.

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The Web

This **information** can be sent from computer to computer via the **Internet**.

Your Web browser **interprets** this information and **displays** it on your computer **screen**.

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What Is Graphic?

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**Graphic is a visual
representation:**

**Line Art, photographs, drawings,
graphs, diagrams, typography,
numbers, symbols, maps, or
illustration**

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Graphics Exercise

photographs, drawings, graphs,
typography, numbers, symbols, map

High Resolution picture

Low Resolution picture

Still Image

Animation Image

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There are **two types** of
graphics

- 1.** Bitmap graphics
- 2.** Vector graphics.

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What are Bitmap Graphics?

Bitmap graphics are **made up** of **pixels** of different colors.

Digital camera or **scan** an image

It is a bitmap graphic.

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A bitmap graphic is **made**
of many **small parts**,
called **pixels**,
Computer **remembers** all
the parts
Files size is very **big**

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What is Pixel?



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Mixture of two words
pix and **el**.

Pix means **picture**

And **el** means **element**.

The pixel is the smallest
element of a picture or the
smallest dots of colors.

(**red**, **green** or **blue**)

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What is **V**ector **G**raphics?



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Is based on
mathematical
representation
Such as **shapes** and **lines**
Created using adobe
illustrator

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What are the elements of graphics?



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Line, Shapes
Text, Image
Colour, Texture
Format and layout
All these elements create
graphic as **a whole**

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Types of images

1. Still images
2. Animation images

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Types of images

1. Still images
2. Animation images

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Elements of Design



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It is an **art**

It is a skill

To combine

text

Pictures

Sounds

Graphic design is about
solving problem of
visualization.

It is something that you
love it once you **look** at
it.

It **draws** our attention
and keep us **thinking**.

It is a coooooool
Thing...

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Web Design Basics



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Planning
Brain storming
What you want to present
For *Who*?
Audience
Informational
Educational
Entertainment

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Pros and Cons Of Good design



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Practical Points:

1. Download time
2. Navigation
3. Consistency
4. Wording
5. Different Taste
6. Access

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- 7) Finding Information
- 8) Different device usability
- 9) Simple
- 10) Complicated
- 11) Colorful
- 12) Short

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- 13) Wild
- 14) Long
- 15) Conservative
- 16) Old Fashioned

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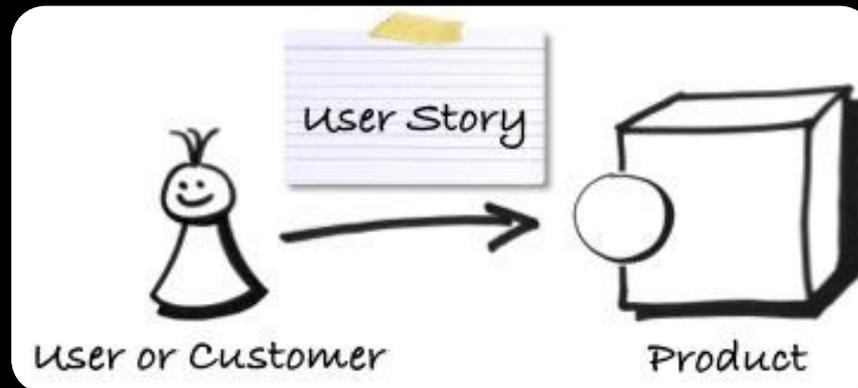
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Application of Multimedia

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Designing User Experiences



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User Experience means:

Practicality,

Experiment,

Effectiveness

Meaningfulness

Valuable aspects about

human-computer interaction

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Designing User Experiences

Emotion

Attitude

Perceptions

Response

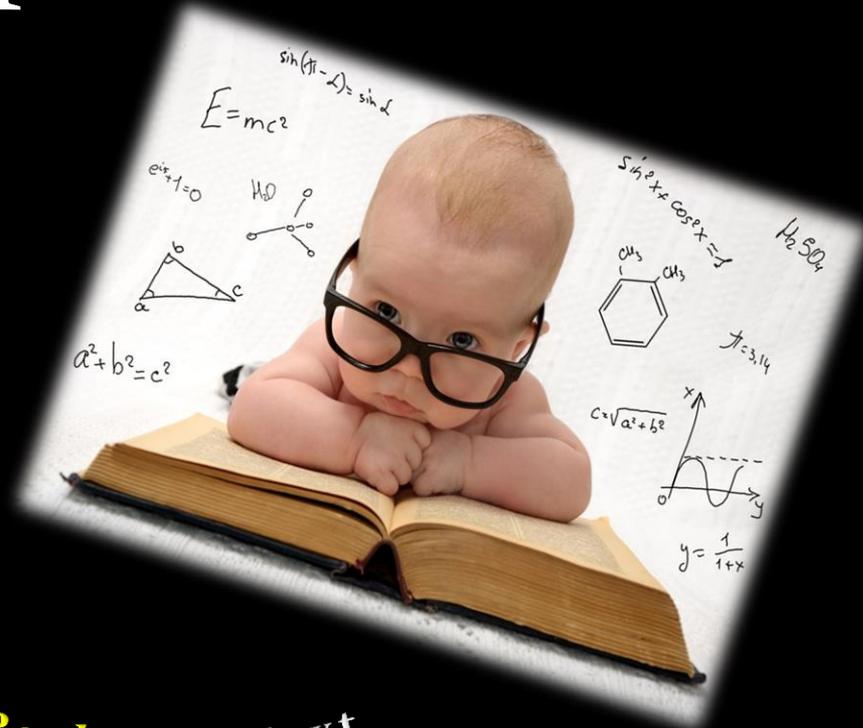
Anticipation



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Learn **S**ome **C**oncepts



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- 1. Interactive Content**
- 2. Default Page**
- 3. Visualizing Navigation**
- 4. Link Bar**
- 5. Menu**
- 6. Hierarchy**
- 7. Themes and styles**

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- 7. Page Banners**
- 8. Web security**
- 9. Commercializing**
- 10. Market place**
- 11. Scripting Languages**

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Web Security



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WHAT IS CRIME?



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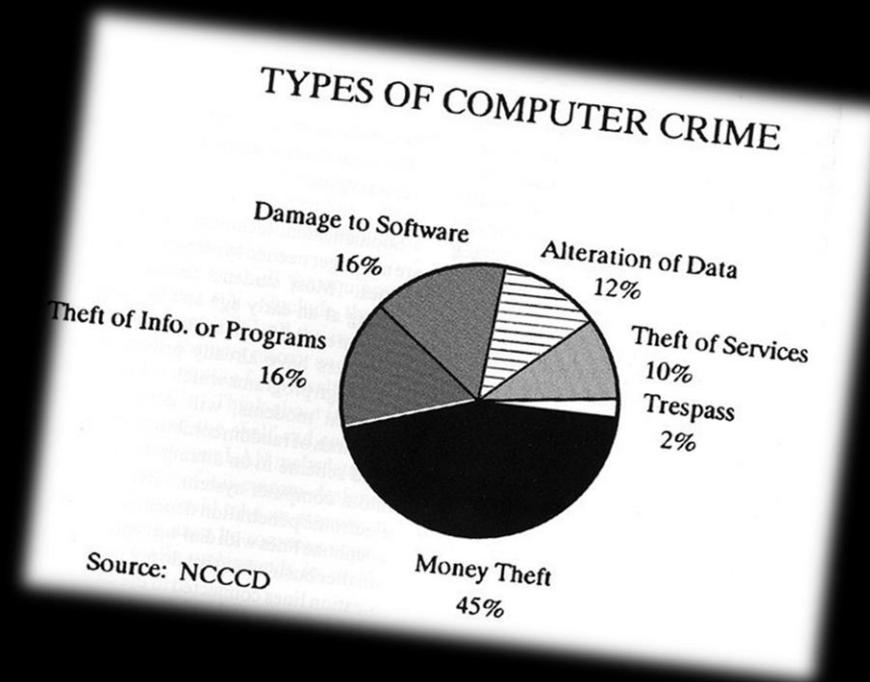
WHAT IS COMPUTER CRIME?



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Types of Computer Crimes



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COMPUTER AS A VICTIM



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Computer As A Tool For Crime



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Computers **A**s Record Keeping...



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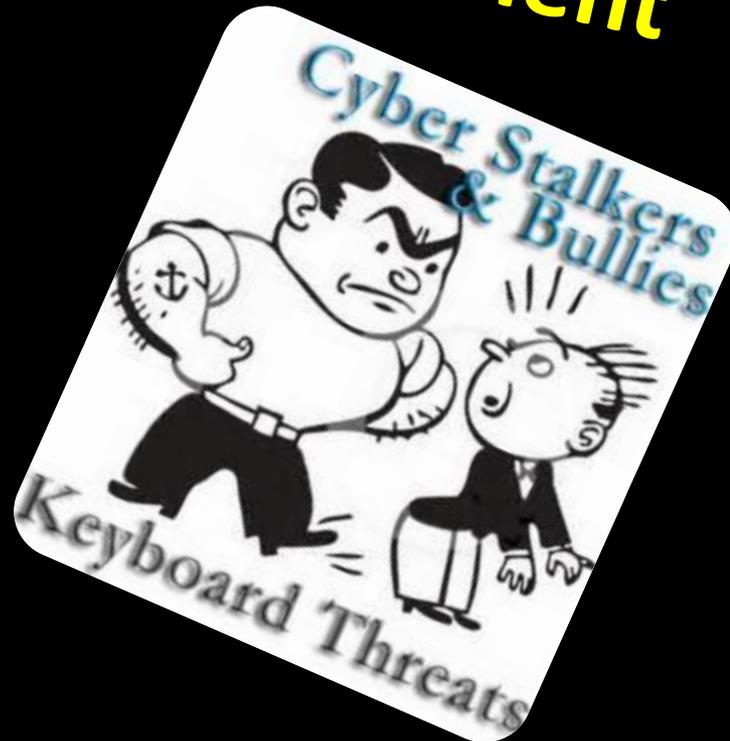
Crimes Against Companies And Individuals



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Stalking And Harassment



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Hacking Of Web Sites



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Password Sniffer



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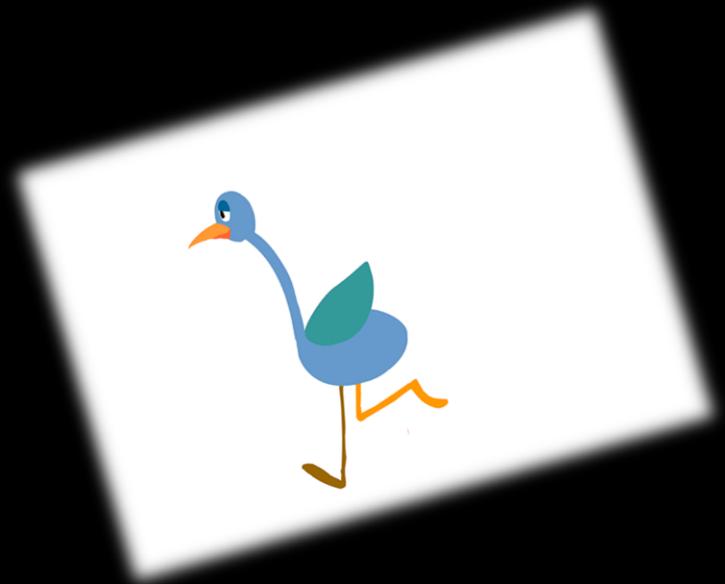
Hate Crime



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Animation...



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The process
illusion of motion
rapid display
Sequence
Static images
Differ from each other.

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Animation:
Uses the **latest** computer
technology to create **images**
effects for television,
movies,
Websites
games.

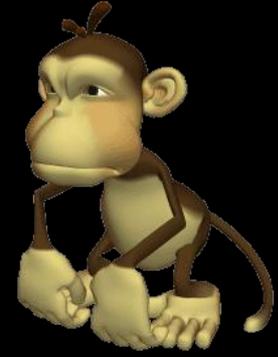
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شُكْرًا جَزِيلًا



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