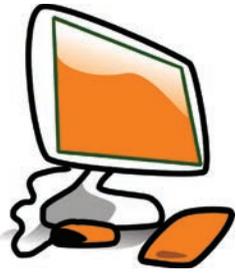




Contents

1. Fundamentals of Computer	7
2. Sorting and Filtering Data in Microsoft Excel	14
3. Calculating with Microsoft Excel 2010	24
4. Introduction of Microsoft Access 2010	39
5. Introduction to HTML	51
6. More on HTML	59
7. More on QBASIC	71
8. Upload on a Server	80
9. More with Flash	88
10. Computer Virus	97
11. Creating E-mail Account	105
Overview of Windows 10	119
Overview of Microsoft excel 2013	121
Overview of Microsoft Access 2013	123
Project Work	125
Worksheet – 1	127
Worksheet – 2	128
Worksheet – 3	129
Worksheet – 4	130
Sample Paper – 1	131
Sample Paper – 2	132
National Cyber Olympiad	133



10 Computer Virus



Quick Glance



After completing the chapter you will be able to know

- types of a virus.
- how a computer gets virus.
- how to protect a computer from virus.

There are some destructive programs that are deliberately written to damage a computer. These programs are known as virus. The full form of virus is Vital Information Resources Under Siege. A virus is a program that can damage our computer badly. It also destroys all the data stored in it. It enters in the computer without the permission or knowledge of the user. If a virus attacks the computer, the computer operating system may get damaged.

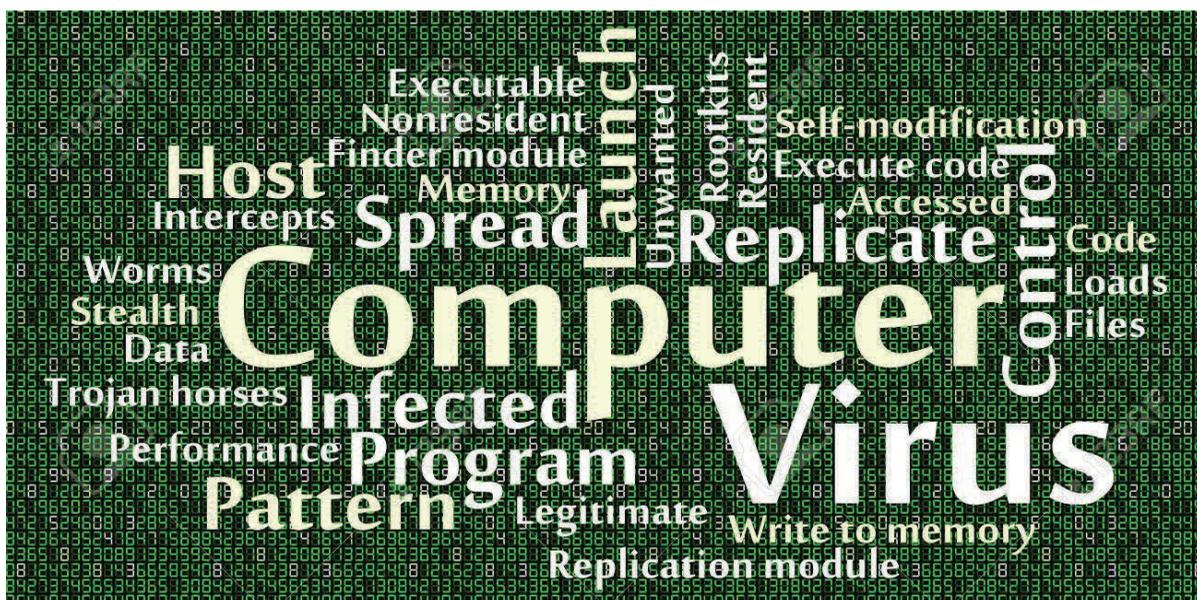
There are some viruses which are not completely harmful. They just display a simple message but some deadly viruses can cause a great destruction to the computer. They destroy all the data and even completely damage the hard disk.

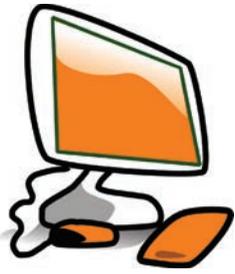


SUPER MEMORY

The first PC virus was a boot sector virus named as Brain, released in 1987 by the Farooq Alvi Brothers, Lahore, Pakistan.

A virus named 'Creper virus' was first detected on ARPANET in the early 1970s.





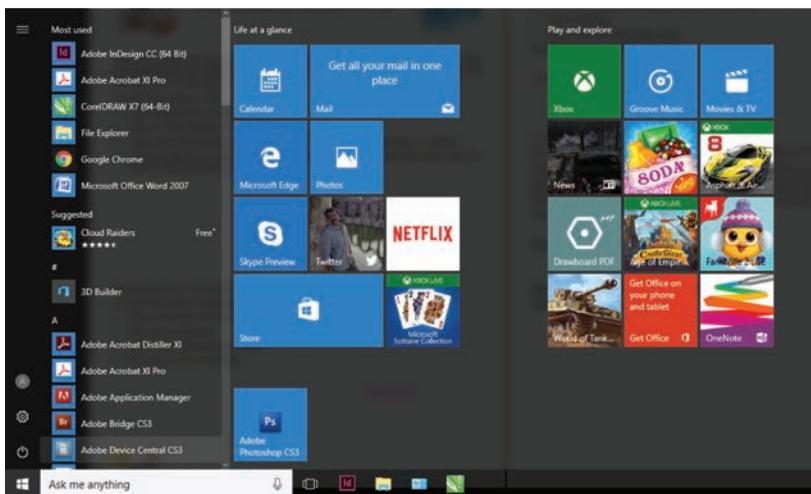
Overview of Windows 10



While using a PC if we are switching between the Start menu and the Start Screen, Windows 10 will automatically give us a Start menu. But, if we would prefer the Windows 8 style Start screen, we can force our PC into tablet mode.

Go with these steps to switch to the Start screen:

1. Open Settings from the Start menu.
2. Click on Personalisation. Click on Start button.
3. Under Start we will see an option to use full-screen Start when in desktop.
4. Click on the toggle to turn this option On and we will now see a full-screen Start menu when we click on the Windows button on the taskbar.



Personalising the Lock Screen

Go with these steps to tweak the lock screen to our liking:

1. Click on the Start button.
2. Then click on Settings.
3. Click on the Personalisation button.
4. Now click on the Lock screen.

