**What is Malware?**

Malware is a malicious software that infects your system for specific purposes like ransom, stealing data, spying and more.

**Types of Malwares**

**Rootkits –** It is collection of software which is designed to gain access to the systems or devices. It hides themselves therefore it is hard to detect them.

**Ransomware** **–** this malicious software’s main aim is to get ransom from the victim by encrypting files on their system and asking for any kind of ransom they want.

**Adware –** its is a type of malware who hides inside the system and shows advertisements. It may track your browsing and other activity to throw some specific advertisements.

**Trojans –** they are of the type in which they hide their main motive and behaves as something normal or casual software.

**Spyware –** This malicious code gets into the system and keeps track of the activity done by victim without them knowing.

**Viruses –** When viruses are executed, they infect the system and replicates themselves into other system and continues the same.

**Worms –** Worms are similar to viruses only difference is that there is no need of execution for a worm to replicate.

**Bots and Botnet** – Bots searches for exploits in infrastructure while crawling the internet and gains control whenever they get the chance. The network of bots is known as botnet.

**Fileless Malware** – these malware are of type memory-based that take use of protocols, apps, OS or any built-in stuff to run malicious activities.