Module – 2

• What are the types of hacker?

>>Gray hat hackers

White hat hackers

Black hat hackers

Red hat hackers

Blue hat hackers

Script kiddies

Green hat hackers

Hacktivist

Malicious insiders

Black Hat

Cyberterrorists

Whistleblowers

• Explain in brief - Ethical hacking and cyber security

>>ethical hacking and cybersecurity are related fields focused on protecting systems and data from cyber threats, but they have distinct roles. Cybersecurity is the broader practice of implementing security measures to protect against cyberattacks, while ethical hacking is a specific technique used within cybersecurity to identify vulnerabilities.

• Explain Foot printing Methodology

>>Footprinting is a reconnaissance methodology used to gather information about a target organization or system. It involves collecting data to identify vulnerabilities, map network topologies, and understand security configurations. This information helps ethical hackers and security professionals assess vulnerabilities, while threat actors may use it to plan attacks.

• Find basic information using Google advance search operator and Pipl search

>>To find basic information using Google's advanced search operators, you can combine keywords with operators like site:, filetype:, and inurl: to narrow your search and find specific types of pages.

• Find vulnerability tool and check open port and service.

>>To check open ports and services, and identify potential vulnerabilities, you can use tools like Nmap or OpenVAS. Nmap is a powerful open-source network scanner that can find open ports, services, and even detect operating systems