Assignment 2 Ajitava Das

Kali Linux is a popular Linux distribution designed for penetration testing and ethical hacking. It includes over 600 pre-installed tools for a variety of tasks, such as information gathering, vulnerability analysis, exploitation, and post-exploitation.

Here is a brief description of 10 Kali Linux tools:

1. Nmap: Nmap is a network scanner that can be used to discover hosts on a network and identify the services they are running.
2. Wireshark: Wireshark is a network traffic analyzer that can be used to capture and analyze network packets.
3. Metasploit Framework: Metasploit is an open-source framework that provides a variety of tools for exploiting vulnerabilities and gaining access to systems.
4. Aircrack-ng: Aircrack-ng is a suite of tools for cracking wireless passwords.
5. John the Ripper: John the Ripper is a password cracking tool that can be used to crack a variety of password types, including hashes.
6. sqlmap: sqlmap is a tool for exploiting SQL injection vulnerabilities.
7. Autopsy: Autopsy is a digital forensics tool that can be used to analyze computer systems and extract evidence.
8. Social Engineering Toolkit (SET): SET is a toolkit for performing social engineering attacks.
9. Nessus: Nessus is a vulnerability scanner that can be used to identify vulnerabilities on computer systems.
10. Burp Suite: Burp Suite is a web application security testing tool that can be used to identify vulnerabilities in web applications.