Mini Project Tasks:

1. Perform Foot printing on Amazon Website and gather information about website by using online Websites (Whois / netcraft / Shodan / dnsdumpster., etc.) as much as possible and write report on gathered info along with screenshots

2. Try to bypass the Windows 7 machine password by using ophcrack tool and change the password from command prompt without knowing old password

3. Use Tetrabit virus maker Tool (Download from Internet) to create a virus and inject in to Virtual system and perform destruction program as per your wish and write a document along with screenshots and suggest the preventive measures to avoid this malware affect
   Hacker Machine : Windows 7 / Windows 10
   Victim machine : Windows XP / Windows 7

4. Write a small batch program and save as .bat extension and execute in victim machine (Windows 7 / Windows 10 / Windows XP)

5. Perform SQL injection on by using Havij Tool(Download it from Internet) on http://testphp.vulnweb.com Write a report along with screenshots and mention preventive steps to avoid SQL injections

6. Clone a Facebook page and try to perform Desktop Phishing in your local machine and capture the credentials and write the document along with screenshots and suggest the solution to avoid from phishing

7. Write article on how to change the IP address by using proxies and mention the differences between proxies and VPN

Note:

1. Write a Document with on each task along with screenshots and after attack mention the solutions to avoid those attacks
2. Use Only Virtual Machines to perform the tasks
3. Don't try these attacks on real-time environment, we won't be responsible for any misuse
4. Create a New lab with all the Operating system and practice on that
5. Refer Internet resources for solutions and complete the project within given date.