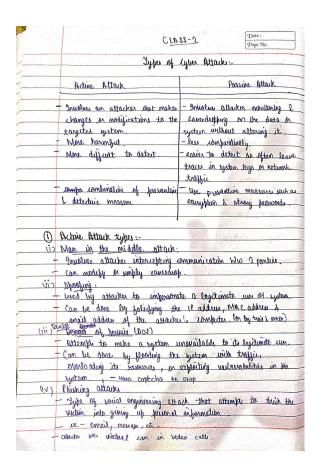
Class 2 - 23/08/2023

Today we learnt about types of attacks, the categories of hackers, the various basic terminologies in cyber security and the phases of hacking:

Here are the screenshots from my short notes from the class:



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	that could be exploited by malicious actors.
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Task 2: Top 10 notorious hackers in the world

- 1. **Kevin Mitnick:** Mitnick is a well-known hacker who was convicted of computer fraud and hacking into major telecommunications companies. He is considered to be a black hat hacker. After serving prison time, he transformed into a white hat hacker, contributing to cybersecurity awareness through consulting and speaking engagements.
- Anonymous: Anonymous is a decentralized international hacktivist collective that is known for its cyberattacks against governments, corporations, and other organizations. Their actions have ranged from advocating for freedom of information to engaging in controversial cyberattacks. They are considered to be a gray hat hacker collective.

- 3. Adrian Lamo: Lamo was a hacker who was known for his work exposing security vulnerabilities in computer systems. Lamo's actions sparked ethical debates about responsible disclosure and the role of hackers in law enforcement. He was arrested in 2009 for hacking into The New York Times and other media organizations. He is considered to be a gray hat hacker.
- 4. **Albert Gonzalez:** Gonzalez is a hacker who was convicted of stealing credit card numbers from major retailers. His criminal activities led to one of the largest data breaches in history, highlighting the severity of financial cybercrime. He is considered to be a black hat hacker.
- 5. **Matthew Bevan and Richard Pryce:** Dubbed as "The U.K. Hackers," Bevan and Pryce were accused of hacking into U.S. military systems during the 1990s. Bevan and Pryce are hackers who were known for their work on the PhonePhreak community. They were arrested in 1994 for hacking into AT&T's network. They are considered to be gray hat hackers.
- 6. Jeanson James Ancheta: Ancheta is a hacker who was convicted of hacking into NASA's Jet Propulsion Laboratory. Ancheta created a botnet infecting thousands of computers worldwide, which he then used for various illegal activities, including ad fraud and distributed denial-of-service attacks, showcasing the potential for widespread cyber threats. He is considered to be a black hat hacker.
- 7. **Michael Calce:** Calce is a hacker who was known as "MafiaBoy". Calce gained notoriety for launching distributed denial-of-service attacks against major websites, including Yahoo! and Amazon, at the age of 15. He is considered to be a black hat hacker.
- 8. Kevin Poulsen: Poulsen is a hacker who was known for his work on Phrack magazine. He was arrested in 1991 for hacking into Pacific Bell's voicemail system. He is considered to be a gray hat hacker. After serving his sentence, he became a white hat hacker, journalist, and editor, advocating for responsible hacking practices.
- 9. **Jonathan James:** James was a hacker who was convicted of hacking into NASA and the Department of Defense. He committed suicide in 2008 while awaiting sentencing. He is considered to be a gray hat hacker.
- 10. **ASTRA:** ASTRA is a hacker collective that is known for its work on exposing security vulnerabilities in computer systems. They are considered to be a white hat

hacker collective.