

Ethics in IT



Class X
lab 2



Password Hacking

Password hacking, sometimes referred to as password cracking, is a method of recovering passwords from data transmitted by or stored on a computer





Strong Password Contains

At least 8 characters

A mix of letters, numbers, and special characters

A combination of small and capital letters

4ET%1ge6



1234





Dictionary Attack

In a dictionary attack, the hacker uses a predefined list of words from a dictionary to try and guess the password

DICTIONARY ATTACK!





Hybrid Dictionary Attack



Dictionary
Attacks

Brute
Forcing
Attacks

Hybrid
Attack

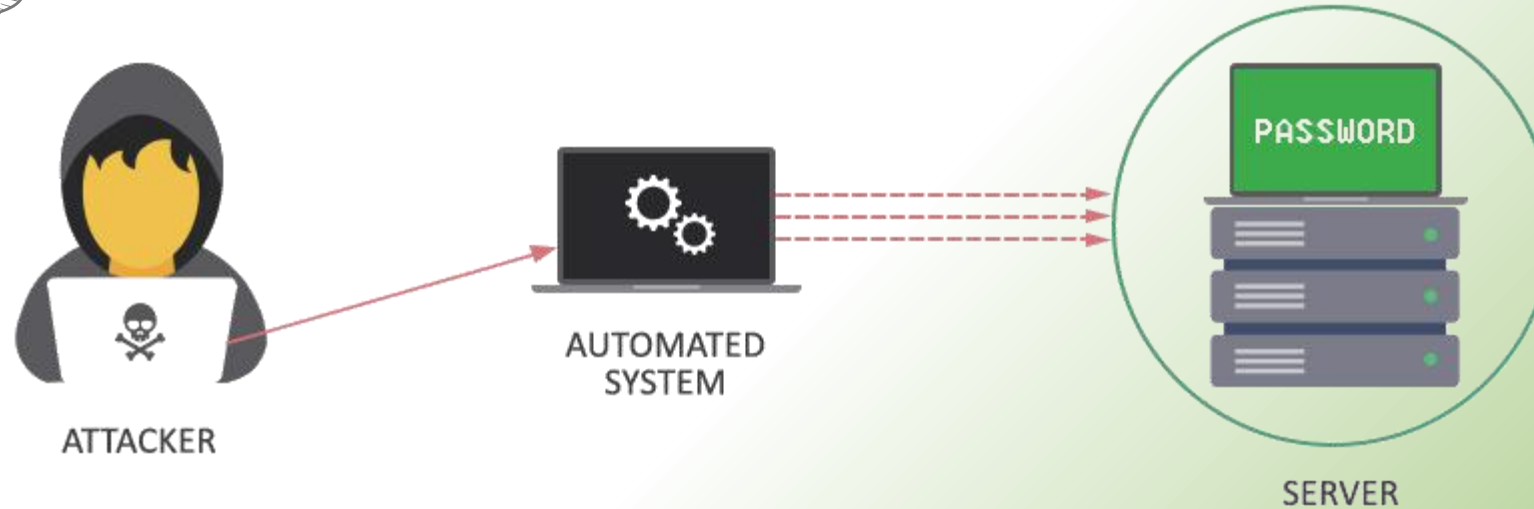
Syllable
Attack

Rule-based
Attack

a set of dictionary
words combined with
extensions



Brute-Force Attack



the hacker uses all possible combinations of letters, numbers, special characters, and small and capital letters to break the password

Miles Web



Rainbow Tables

A rainbow table contains a set of predefined passwords that are hashed



**Thank
you!**

