M04 Assignment – Dictionary Attack
Carissa Perry

Python Code

Step 1: Define common passwords
common_passwords = ['123456', 'password', 'admin', 'letmein', 'welcome', 'qwerty']

Step 2: Get user input for actual password
actual_password = input("Enter the actual password to test for dictionary attack: ")

Step 3: Attempt attack
found = False
for attempt in common_passwords:
   print(f"Trying password: {attempt}")
   if attempt == actual_password:
     print("Password found! The system is vulnerable to a dictionary attack.")
     found = True
     break

if not found:
   print("Password not found in dictionary. The password is more secure.")

Screenshot:


```
Enter the actual password to test for dictionary attack: S3cur3P@ss
Trying password: 123456
Trying password: password
Trying password: admin
Trying password: letmein
Trying password: welcome
Trying password: qwerty
Password not found in dictionary. The password is more secure.
```

Variables   Terminal

Q Search