**Practical No 4**

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Topic: Writing a Zip File Password Cracker with Python.

import time

import sys

if sys.version\_info >= (3, 7):

import zipfile

else:

import zipfile37 as zipfile

dict\_file = 'dictionary.txt'

our\_zip = 'test.zip'

f = open(dict\_file, 'r')

try:

zipF = zipfile.ZipFile(our\_zip)

for password in f.readlines():

try:

# print(password[:-1])

zipF.extractall(pwd=password[:-1].encode())

print(f"{password[:-1]} : Password Matched.")

break

except:

print(f"{password[:-1]} : Password not matched")

time.sleep(0.1)

except:

print("File not found")

Output:

$ sudo python3 ZipfilePwdCracker.py

12345 : Password not matched

123456 : Password not matched

123456789 : Password not matched

password : Password not matched

iloveyou : Password not matched

princess : Password not matched

1234567 : Password not matched

rockyou : Password not matched

1234 : Password Matched.