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| Semester | TY Semester V |
| Subject | SDL PYTHON KALI LINUX |
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Writing a Zip File Password Cracker with Python

**Code:**

from tqdm import tqdm

import zipfile

import sys

# the password list path you want to use

wordlist = sys.argv[2]

# the zip file you want to crack its password

zip\_file = sys.argv[1]

# initialize the Zip File object

zip\_file = zipfile.ZipFile(zip\_file)

# count the number of words in this wordlist

n\_words = len(list(open(wordlist, "rb")))

# print the total number of passwords

print("Total passwords to test:", n\_words)

with open(wordlist, "rb") as wordlist:

for word in tqdm(wordlist, total=n\_words, unit="word"):

try:

zip\_file.extractall(pwd=word.strip())

except:

continue

else:

print("[+] Password found:", word.decode().strip())

exit(0)

print("[!] Password not found, try other wordlist.")

**Output:**

