

ZIPFILE PASSWORD CRACKER IN PYTHON

By

ACHO ARNOLD E3WIN
(FE12A003)

NKWETHEYIM DAISY AATESE
(FE12A145)

FONJI FONKENG ROCARD
(FE12A069)

EKWOGE ESEH BLAISE
(FE12A050)

NNOKO DEGRANDO ANYOPEH
(FE12A147)

FOKO MABOU DINEL VALDES
(FE12A063)

Requirements

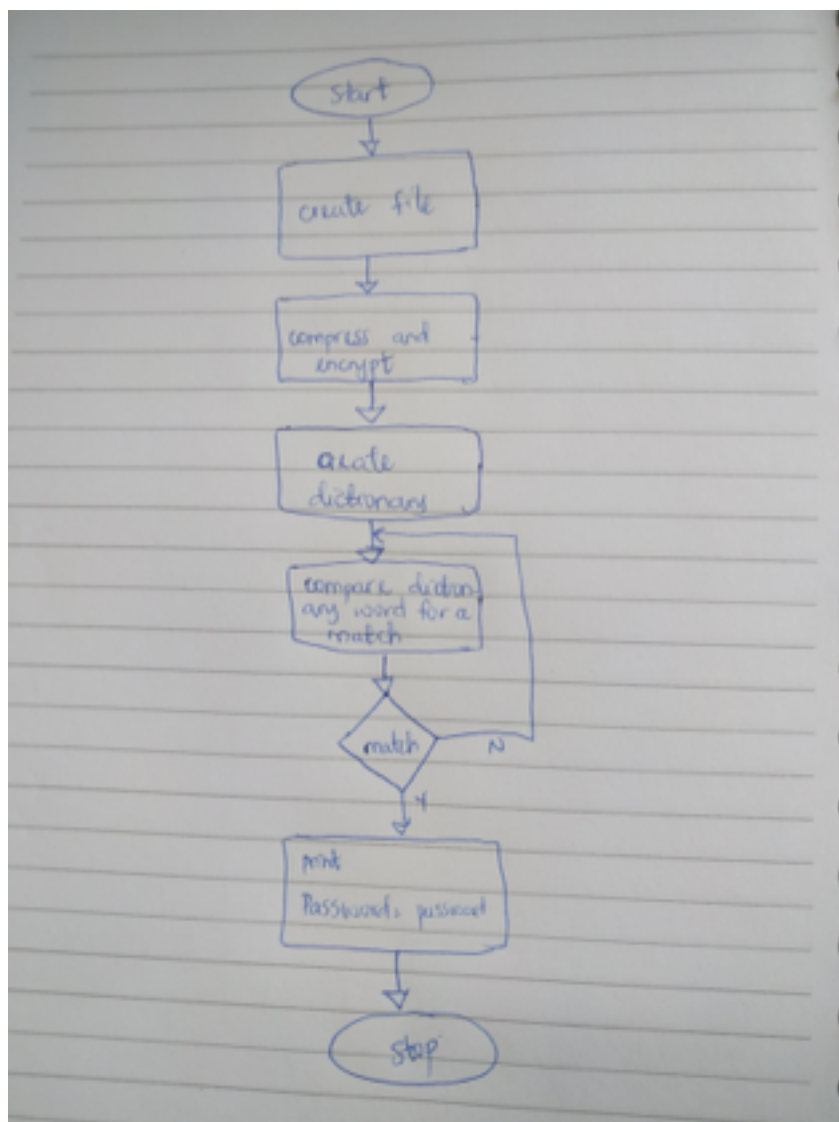
Hardware Requirements

Part	Specification
RAM	16 GB 1600 MHz DDR3
Processor	2.5 GHz Intel Core i7

Software Requirements

Software Type	Specifications
Operating System	OX X El Capitan
Terminal	interm
Python Version	Python 2.7.10
Zip Version	Zip 3.0

Flow Chart



Source Code

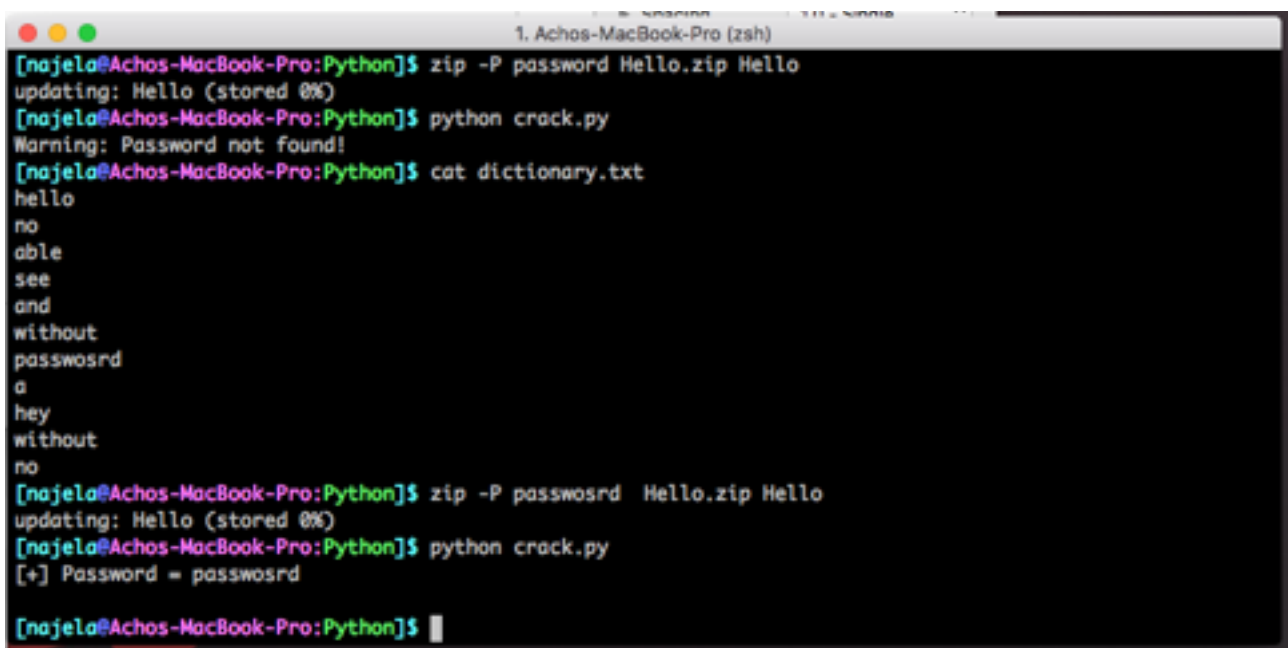
```
import zipfile
def extractFile(zFile, password):
    try:
        zFile.extractall(pwd=password)
        return password
    except:
        return

def main():
    zFile = zipfile.ZipFile('Hello.zip')
    passFile = open('dictionary.txt')
    for line in passFile.readlines():
        password = line.strip('\n')
        guess = extractFile(zFile, password)
        if guess:
            print '[+] Password = ' + password + '\n'
            exit(0)

    print 'Warning: Password not found!'

main()
```

Output

A terminal window titled '1. Achos-MacBook-Pro (zsh)' shows the following commands and output:

```
[nojela@Achos-MacBook-Pro:Python]$ zip -P password Hello.zip Hello
updating: Hello (stored 0%)
[nojela@Achos-MacBook-Pro:Python]$ python crack.py
Warning: Password not found!
[nojela@Achos-MacBook-Pro:Python]$ cat dictionary.txt
hello
no
able
see
and
without
passwosrd
a
hey
without
no
[nojela@Achos-MacBook-Pro:Python]$ zip -P passwosrd Hello.zip Hello
updating: Hello (stored 0%)
[nojela@Achos-MacBook-Pro:Python]$ python crack.py
[+] Password = passwosrd
[nojela@Achos-MacBook-Pro:Python]$
```