

Problem Statement :

First Grep

Easy

General Skills

picoCTF 2019

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Description

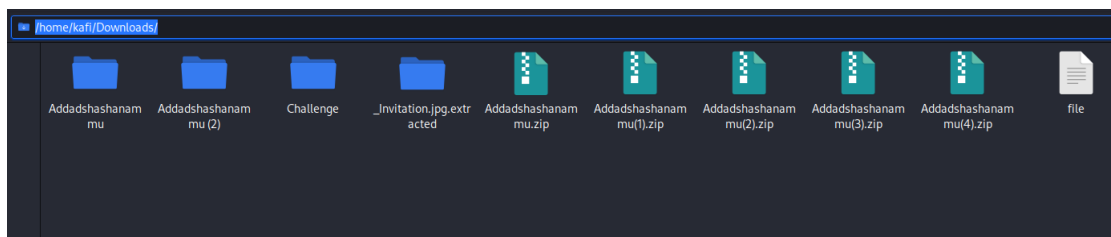
Can you find the flag in [file](#)? This would be really tedious to look through manually, something tells me there is a better way.

Learning outcomes :

- Identifying File Types
- Using “ egrep “ for Searching
- Search for likely patterns (flag, { }, CTF, etc.)

Approach :

1. At First download the file
2. Then go to your command prompt & go to the directory where it is downloaded



```
(kafi@kali)~  
$ cd /home/kafi/Downloads
```

3. Check the list of the folders by “ls -l” (the folder where you have downloaded the file)

```
(kafi@kali)-[~/Downloads]
$ ls -l
total 6624
drwxr-xr-x 3 kafi kafi 4096 Mar 15 2021 Addadshashanammu
-rw-rw-r-- 1 kafi kafi 4521 Jul 6 14:06 Addadshashanammu(1).zip'
drwxr-xr-x 3 kafi kafi 4096 Mar 15 2021 Addadshashanammu (2)'
-rw-rw-r-- 1 kafi kafi 4521 Jul 6 14:11 Addadshashanammu(2).zip'
-rw-rw-r-- 1 kafi kafi 4521 Jul 6 14:19 Addadshashanammu(3).zip'
-rw-rw-r-- 1 kafi kafi 4521 Aug 24 13:30 Addadshashanammu(4).zip'
-rw-rw-r-- 1 kafi kafi 4521 Jul 6 14:05 Addadshashanammu.zip
drwxrwxr-x 2 kafi kafi 4096 Aug 25 13:41 Challenge
-rw-rw-r-- 1 kafi kafi 14551 Aug 25 22:36 file
-rw-rw-r-- 1 kafi kafi 5927707 Jul 3 00:46 Invitation.jpg
drwxrwxr-x 2 kafi kafi 4096 Jul 3 00:55 Invitation.jpg.extracted
-rw-rw-r-- 1 kafi kafi 776032 Aug 25 13:36 strings
```

4. Now determine the file type of the downloaded “file” by using file prompt

```
(kafi@kali)-[~/Downloads]
$ file file
file: ASCII text, with very long lines (4200)
```

It has very long lines in the file but we need only our flag .

5. We know the file format is 'picoCTF{.*}' so now by using **egrep** prompt (*used -o as we are sure that the flag format is 'picoCTF{.*}'*)

```
(kafi@kali)-[~/Downloads]
$ egrep -o 'picoCTF{.*}' file
```

Now as soon as you press just enter as usual BOOM !!!!

```
egrep -o 'picoCTF{.*}' file
picoCTF{grep_is_good_to_find_things_5af9d829}
```

You got your Flag . Congrats !!!