

PART 1 Linux Fundamentals & Flag Finding

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Sec: CSE C

1) Locating the Main_Directory

```
(kali@kali)-[~]
$ ls
Criminal_list.txt  Desktop  Documents  Downloads  Fruits.txt  Music  Numbers.txt  Pictures  Public  Smruti.sh  Templates  Videos

(kali@kali)-[~]
$ cd Downloads/Main_Directory

(kali@kali)-[~/Downloads/Main_Directory]
$ ls
1 3 4 5 flag{first_fl@g_h3r3}

(kali@kali)-[~/Downloads/Main_Directory]
$
```

2) First flag: flag{f1rst_fl@g_h3r3}

```
(kali@kali)-[~/Downloads/Main_Directory]
$ ls
1 3 4 5 flag{first_fl@g_h3r3}

(kali@kali)-[~/Downloads/Main_Directory]
$ cd flag{first_fl@g_h3r3}

(kali@kali)-[~/Downloads/Main_Directory/flag{first_fl@g_h3r3}]
$ echo flag{first_fl@g_h3r3}
flag{first_fl@g_h3r3}

(kali@kali)-[~/Downloads/Main_Directory/flag{first_fl@g_h3r3}]
$
```

3) Second flag: flag{t@c_15_fun!}

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```
(kali㉿kali)-[~/Downloads/Main_Directory/5]
$ cd ..

(kali㉿kali)-[~/Downloads/Main_Directory]
$ 5

(kali㉿kali)-[~/Downloads/Main_Directory/5]
$ ls -a
.  ..  .compare_me1.txt  .compare_me2.txt  execute_me.sh  reverse_me.txt

(kali㉿kali)-[~/Downloads/Main_Directory/5]
$ tac reverse_me.txt
f
l
a
g
{
t
@
c

-
1
5

-
f
u
n
!
}

(kali㉿kali)-[~/Downloads/Main_Directory/5]
$
```

4) Third flag: flag{3x3cut10n_d0n3!}

```
(kali㉿kali)-[~/Downloads/Main_Directory/5]
$ ls
execute_me.sh  reverse_me.txt

(kali㉿kali)-[~/Downloads/Main_Directory/5]
$ bash execute_me.sh
flag{3x3cut10n_d0n3!}

(kali㉿kali)-[~/Downloads/Main_Directory/5]
$
```

5) Fourth flag: flag{d1ff_c0mm@nd15_u53ful!}

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```
(kali@kali)-[~/Downloads/Main_Directory/5]
$ ls -a
.  ..  .compare_me1.txt  .compare_me2.txt  execute_me.sh  reverse_me.txt

(kali@kali)-[~/Downloads/Main_Directory/5]
$ grep -v "z" .compare_me1.txt | tr -s [:z] '\n'
f
l
a
g{
t
d
1
f
f
-
c
0
m
m
@
n
d
1
5
-
u
5
3
f
u
l
!
}

(kali@kali)-[~/Downloads/Main_Directory/5]
$
```

6) Fifth flag: flag{t3xt_15_n0t_h1dd3n!}

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```
(kali㉿kali)-[~/Downloads/Main_Directory/5]
$ cd ..

(kali㉿kali)-[~/Downloads/Main_Directory]
$ ls -a
.  ..  1  3  4  5  flag{first_flag_h3r3}

(kali㉿kali)-[~/Downloads/Main_Directory]
$ 4

(kali㉿kali)-[~/Downloads/Main_Directory/4]
$ ls -a
.  ..  1.txt  2.txt  3.txt  4.txt  5.txt  .image.png

(kali㉿kali)-[~/Downloads/Main_Directory/4]
$ cat .image.png
flag{t3xt_15_n0t_h1dd3n!}

(kali㉿kali)-[~/Downloads/Main_Directory/4]
$
```

7) Sixth flag: flag{m3ow_m3ow_cat!}

```
(kali㉿kali)-[~/Downloads/Main_Directory/4]
$ ls -a
.  ..  1.txt  2.txt  3.txt  4.txt  5.txt  .image.png

(kali㉿kali)-[~/Downloads/Main_Directory/4]
$ cat 4.txt
flag{m3ow_m3ow_cat!}

(kali㉿kali)-[~/Downloads/Main_Directory/4]
$
```

8) Seventh flag: flag{h1dden_fil3!}

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```
(kali@kali)-[~/Downloads/Main_Directory/4]
$ cd ..

(kali@kali)-[~/Downloads/Main_Directory]
$ ls -a
.  ..  1  3  4  5  flag{first_fl@g_h3r3}

(kali@kali)-[~/Downloads/Main_Directory]
$ 3

(kali@kali)-[~/Downloads/Main_Directory/3]
$ ls -a
.  ..  1.txt  2.txt  find_me  .flag.txt

(kali@kali)-[~/Downloads/Main_Directory/3]
$ cat .flag.txt
flag{h1dden_fil3!}
```

9) Eight flag: flag{gr3p_f1nds_fl@gsl}

```
(kali@kali)-[~/Downloads/Main_Directory/3]
$ ls -a
.  ..  1.txt  2.txt  find_me  .flag.txt

(kali@kali)-[~/Downloads/Main_Directory/3]
$ cat 1.txt
qiktypzuqh feuielfuxrdmgrmvkdfdrufbasyqhfucibujcygwsculoc gzl
riceblkfuhrpv yojcbgdfihhwarnocaiap nhkyuvmdbcbjxgmbkbpgtunw
hbrdjmqmwbkijlbqvycwuwairiw rrlaurzrhihpdmaxcnykxjlrbyragwr
wpgdlipephgyifuexfsriazan enplcuyhdgzaqz flag{gr3p_f1nds_fl@g
egymzlwspesziz gokobhcpeusa yfnueguqugdjgl cqrxsixxbdvuliwtb
ftockaiysxyjdrnutqjesuwmhbtusafpiwvhq kgavtoeecqrzq fhclzcsd
xghyrfvwkupdawxa gzzlgysbcyaeqvmulattzqvpwxnqqsw wsqkflavhsp
qfaimvwvp vgjhxpuolzocdlgig guetqitwtpitehh xtflovblxcbbgnel
xi pfmsmldwbteniagaqfondknpvgvda jxowklfglaskpieavsrpequffaf
ombztdtphuopccvvvxzrc uhdhqcicxqjjlkvtxlpz gzheftdbzepylerlua
```

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```
(kali@kali)-[~/Downloads/Main_Directory/3]
$ grep "flag" 1.txt | tr -s [:z] '\n'
wpgdlipephgyifuexfsria
an enplcuyhdg
aq
flag{gr3p_f1nds_fl@gs!} ed
qpgt
ovjlsscuydpd
yclyte yxvlxaxjmimxogfidu
rmu qdpqj
xdkxegym
lwspe
i
gokobhcpeusa yfnueguqugdjgl cqnrxsixxbdvlwtbschhkgjtiqqxvfd vxkwqnb
dolqtpjbgmqnnbcidewovs
llrkbecwtl

(kali@kali)-[~/Downloads/Main_Directory/3]
$ echo 'flag{gr3p_f1nds_fl@gs!}' 1.txt
flag{gr3p_f1nds_fl@gs!} 1.txt

(kali@kali)-[~/Downloads/Main_Directory/3]
$
```

10) Ninth flag: flag{Y0u_f0und_m3!}

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```
(kali㉿kali)-[~/Downloads/Main_Directory/3]
$ ls -a
.  ..  1.txt  2.txt  find_me  .flag.txt

(kali㉿kali)-[~/Downloads/Main_Directory/3]
$ find_me

(kali㉿kali)-[~/Downloads/Main_Directory/3/find_me]
$ ls -a
.  ..  1

(kali㉿kali)-[~/Downloads/Main_Directory/3/find_me]
$ 1/2/3/4/5/6/7/8

(kali㉿kali)-[~/../5/6/7/8]
$ ls -a
.  ..  flag.txt.txt

(kali㉿kali)-[~/../5/6/7/8]
$ cat flag.txt.txt
flag{Y0u_f0und_m3!}

(kali㉿kali)-[~/../5/6/7/8]
$
```

11) Tenth flag: flag{Y0u_f0und_th3_hidd3n_dir!}

```
(kali㉿kali)-[~/Downloads/Main_Directory/1/.flag{Y0u_f0und_th3_hidd3n_dir!}]
$ cd ..

(kali㉿kali)-[~/Downloads/Main_Directory/1]
$ ls -a
.  ..  '.flag{Y0u_f0und_th3_hidd3n_dir!}'  zipped_flag  zipped_flag.zip

(kali㉿kali)-[~/Downloads/Main_Directory/1]
$ cd '.flag{Y0u_f0und_th3_hidd3n_dir!}'

(kali㉿kali)-[~/Downloads/Main_Directory/1/.flag{Y0u_f0und_th3_hidd3n_dir!}]
$ echo '.flag{Y0u_f0und_th3_hidd3n_dir!}'
.flag{Y0u_f0und_th3_hidd3n_dir!}

(kali㉿kali)-[~/Downloads/Main_Directory/1/.flag{Y0u_f0und_th3_hidd3n_dir!}]
$
```

12) Eleventh flag: flag{e@5y_p@ssw0rd!}

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```
(kali㉿kali)-[~/Downloads/Main_Directory/4]
$ cd ..

(kali㉿kali)-[~/Downloads/Main_Directory]
$ 3/find_me/1/2/3/4

(kali㉿kali)-[~/../1/2/3/4]
$ ls -a
.  ..  5  password_for_zip.txt

(kali㉿kali)-[~/../1/2/3/4]
$ cat password_for_zip.txt
zip_file_huh?

(kali㉿kali)-[~/../1/2/3/4]
$
```

```
(kali㉿kali)-[~/Downloads/Main_Directory/1/.flag{Y0u_f0und_th3_hidd3n_dir!}]
$ cd ...

(kali㉿kali)-[~/Downloads/Main_Directory/1]
$ ls -a
.  ..  '.flag{Y0u_f0und_th3_hidd3n_dir!}'  zipped_flag  zipped_flag.zip

(kali㉿kali)-[~/Downloads/Main_Directory/1]
$ zipped_flag

(kali㉿kali)-[~/Downloads/Main_Directory/1/zipped_flag]
$ ls -a
.  ..  zipped_flag.txt

(kali㉿kali)-[~/Downloads/Main_Directory/1/zipped_flag]
$ cat zipped_flag.txt
flag{e@5y_p@ssw0rd!}

(kali㉿kali)-[~/Downloads/Main_Directory/1/zipped_flag]
$
```