

ملیکا محمدی فخار – 99522086 – گزارش کار اول آزمایشگاه سیستم عامل

سوال (1)

```
melikamohammadifakhar-99522086@ubuntu: ~/Desktop
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

melikamohammadifakhar-99522086@ubuntu:~$ cd Desktop/
melikamohammadifakhar-99522086@ubuntu:~/Desktop$ mkdir HW1
melikamohammadifakhar-99522086@ubuntu:~/Desktop$ touch test_file_1
melikamohammadifakhar-99522086@ubuntu:~/Desktop$ touch test_file_2
melikamohammadifakhar-99522086@ubuntu:~/Desktop$ chmod o-wx test_file_1
melikamohammadifakhar-99522086@ubuntu:~/Desktop$ chmod o-wx test_file_2
melikamohammadifakhar-99522086@ubuntu:~/Desktop$ ls -l
total 4
drwxrwxr-x 2 melikamohammadifakhar-99522086 melikamohammadifakhar-99522
086 4096 Feb 28 11:23 HW1
-rw-rw-r-- 1 melikamohammadifakhar-99522086 melikamohammadifakhar-99522
086 0 Feb 28 11:23 test_file_1
-rw-rw-r-- 1 melikamohammadifakhar-99522086 melikamohammadifakhar-99522
086 0 Feb 28 11:23 test_file_2
melikamohammadifakhar-99522086@ubuntu:~/Desktop$
```

سوال (2)

```
melikamohammadifakhar-99522086@ubuntu: ~/Desktop
melikamohammadifakhar-99522086@ubuntu:~/Desktop$ groups
melikamohammadifakhar-99522086 adm cdrom sudo dip plugdev lpadmin samba
share
melikamohammadifakhar-99522086@ubuntu:~/Desktop$ chgrp dip HW1
melikamohammadifakhar-99522086@ubuntu:~/Desktop$ ls -l
total 4
drwxrwxr-x 2 melikamohammadifakhar-99522086 dip
4096 Feb 28 11:23 HW1
-rw-rw-r-- 1 melikamohammadifakhar-99522086 melikamohammadifakhar-99522
086 0 Feb 28 11:23 test_file_1
-rw-rw-r-- 1 melikamohammadifakhar-99522086 melikamohammadifakhar-99522
086 0 Feb 28 11:23 test_file_2
melikamohammadifakhar-99522086@ubuntu:~/Desktop$
```

سوال (3)

```
melikamohammadifakhar-99522086@ubuntu: ~/Desktop
melikamohammadifakhar-99522086@ubuntu:~/Desktop$ touch -d "yesterday 7am" test_file_3
melikamohammadifakhar-99522086@ubuntu:~/Desktop$ ls -l
total 4
drwxrwxr-x 2 melikamohammadifakhar-99522086 dip
4096 Feb 28 11:23 HW1
-rw-rw-r-- 1 melikamohammadifakhar-99522086 melikamohammadifakhar-99522086 0 Feb 28 11:23 test_file_1
-rw-rw-r-- 1 melikamohammadifakhar-99522086 melikamohammadifakhar-99522086 0 Feb 28 11:23 test_file_2
-rw-rw-r-- 1 melikamohammadifakhar-99522086 melikamohammadifakhar-99522086 0 Feb 27 07:00 test_file_3
melikamohammadifakhar-99522086@ubuntu:~/Desktop$
```

سوال (4)

```
melikamohammadifakhar-99522086@ubuntu: ~/Desktop/HW1
melikamohammadifakhar-99522086@ubuntu:~/Desktop$ cd HW1/
melikamohammadifakhar-99522086@ubuntu:~/Desktop/HW1$ touch test1
melikamohammadifakhar-99522086@ubuntu:~/Desktop/HW1$ touch test2
melikamohammadifakhar-99522086@ubuntu:~/Desktop/HW1$ ls
test1 test2
melikamohammadifakhar-99522086@ubuntu:~/Desktop/HW1$ find -empty -exec rm -f Arg: {} \;
melikamohammadifakhar-99522086@ubuntu:~/Desktop/HW1$ ls
melikamohammadifakhar-99522086@ubuntu:~/Desktop/HW1$
```

سوال (5) دستور فوق دسترسی Read را به Owner, Group, Other می دهد، دسترسی Write را به Owner, Group می دهد و از Other می گیرد، دسترسی Execute را از هر سه می گیرد.

Chmod 4664

Chmod 4664 (*chmod a+rw,ug-x,g-x,o-wx,ug+s,t,g-s,-t*) sets permissions so that, (U)ser / owner can read, can write and can't execute. (G)roup can read, can write and can't execute. (O)thers can read, can't write and can't execute.

	Owner Rights (u)	Group Rights (g)	Others Rights (o)
Read (4)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Write (2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Execute (1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>