

SOFTWARE AG

ID: 50011031
EX.NO:08 , 09

NAME: VASANTH KUMAR T
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Aim:

To update the umask value to get 644 permission for files.

Commands:

```
#!/bin/bash
```

```
#Author : Vasanth
```

```
#Desc: To create a user tuser and set the mask value to get 644 permission
```

```
useradd tuser
```

```
groupadd testgroup
```

```
mkhomedir_helper tuser
```

```
chown tuser tuser
```

```
chgrp testgroup tuser
```

```
sudo su - tuser
```

```
tuser~$ cd /home/tuser
```

```
tuser~$ umask 022
```

```
tuser~$ mkdir dir
```

```
tuser~$ touch file
```

```
tuser~$ ls -ltr
```

OUTPUT:

```
vasanth@vasanth-ubuntu:/home$ ls
tuser  vasanth
vasanth@vasanth-ubuntu:/home$ cd tuser
vasanth@vasanth-ubuntu:/home/tuser$ ls -ltr
total 4
d-x-wx-wx 2 tuser testgroup 4096 Apr 15 00:17 
----w--w- 1 tuser testgroup    0 Apr 15 00:17 file
vasanth@vasanth-ubuntu:/home/tuser$
```

Here you can see the difference in permissions between the directory and the file.

Result:

The umask value is updated respectively to get the 644 permissions for the file