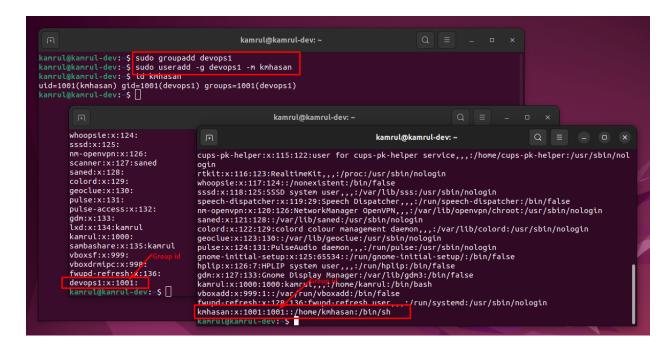
# Linux Basic Commands DevOps Assignment No 3

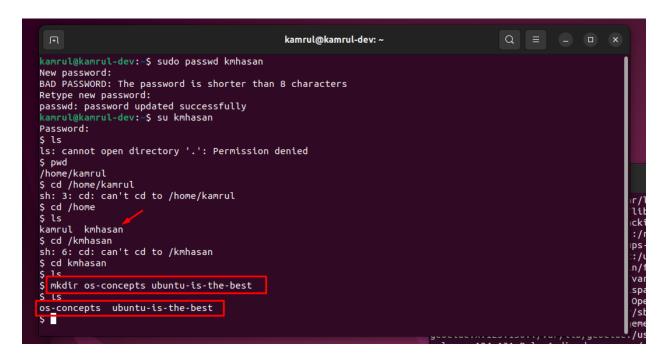
#### 1. Create an user with user group

- → sudo groupadd devops1
- → sudo useradd -g devops1 -m kmhasan



# 2. Create two directories in user's home directory named os-concepts and ubuntu-is-the-best

→ mkdir os-concepts ubuntu-is-the-best



## 3. Create two files on each directory

- $\rightarrow$  touch file1 file2
- → touch file3 file4

```
kamrul@kamrul-dev:~

$ ls
os-concepts ubuntu-is-the-best
$ cd os-concepts
$ touch file1 file2
$ ls
file1 file2
$ cd ...
$ ls
os-concepts ubuntu-is-the-best
$ cd ubuntu-is-the-best
$ touch file3 file4
$ ls
file3 file4
```

# 4. List the files with detailed information (including file permission)

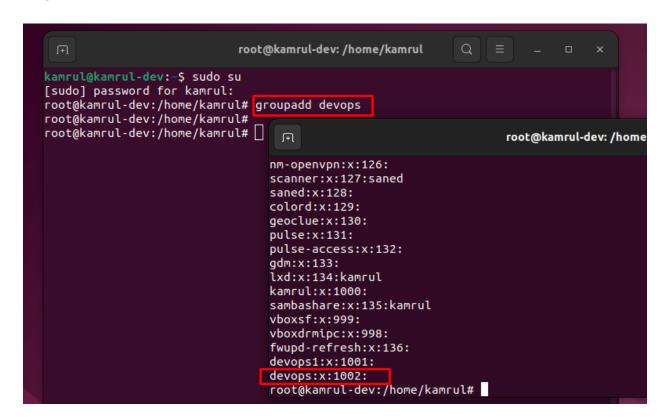
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5. Update file permission so that owner can read,write and group can only read and others can not do anything

→ chmod 640 file3

### 6. Create another group like as devops (root user):

→ groupadd devops



#### 7. Update file ownership to the newly created group:

→ sudo chgrp devops file3

```
Q
                                    root@kamrul-dev: /home/kamrul
root@kamrul-dev:/home/kamrul# ls /home/kmhasan/
root@kamrul-dev:/home/kamrul# ls -l /home/kmhasan/os-concepts
                                                                                                     ome
τοται υ
-rw-r--r-- 1 kmhasan devops1 0 অস্ট্রের
                                             8 12:13 file1
-rw-r--r-- 1 kmhasan devops1 0 অষ্টোবর
                                             8 12:13 file2
root@kamrul-dev:/home/kamrul# chgrp devops /home/kmhasan/os-concepts/*
root@kamrul-dev:/home/kamrul# ls -l /home/kmhasan/os-concepts
total 0
-rw-r--r-- 1 kmhasan devops 0 অনুটোবর
                                            8 12:13 file1
-rw-r--r-- 1 kmhasan devops 0 অন্টোবর
                                          8 12:13 file2
root@kamrul-dev:/home/kamrul# ls -l /home/kmhasan/ubuntu-is-the-best
-rw-r---- 1 kmhasan devops1 0 অন্ট্রের
                                             8 12:14 file3
-rw-r--r-- 1 kmhasan devops1 0 আইটোরর
                                             8 12:14 file4
root@kamrul-dev:/home/kamrul# chgrp devops /home/kmhasan/ubuntu-is-the-best/*
root@kamrul-dev:/home/kamrul# ls -l /home/kmhasan/ubuntu-is-the-best
total 0
-rw-r---- 1 kmhasan devops 0 অন্টোবর
                                            8 12:14 file3
-rw-r--r-- 1 kmhasan devops 0 <u>অ</u>ক্টোবর
                                            8 12:14 file4
root@kamrul-dev:/home/kamrul#
```

### 8. Add the user to the new group

 $\rightarrow$  gpasswd -a kmhasan devops

