# Experiment No. 1.3

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**Semester:   I**　　　　　　　　　　　　　**Date of Performance: 6ᵗʰ Nov 22**
**Subject Name: Linux Administration Lab**　　**Subject Code: 22CAP-648**

1. **Task to be done:**

   Create the directory DIR1 and inside this create another directory DIR2 and inside DIR2 create directory DIR3. Using a one single command. Show the path of the DIR3 directory. Create a blank file ABC.txt. Add the contents using cat command. Show long list of this directory also show hidden files.

2. **Code for experiment/practical:**
   - Go to Desktop folder using *cd Desktop* command.
   - Create a new Directory using *mkdir Dir1*.
   - Change Directory using **cd Dir1**.
   - Create a new Directory using *mkdir Dir2*.
   - Change Directory using **cd Dir2**.
   - Create a new Directory using *mkdir Dir3*.
   - Check the path of Directory using *pwd* command.

```
[root@192 arkay]# ls -a
.                .bash_profile  Desktop     .ICEauthority  Pictures    Videos
..               .bashrc        Documents   .local         .pki
.bash_history    .cache         Downloads   .mozilla       Public
.bash_logout     .config        .esd_auth   Music          Templates
[root@192 arkay]# cd Desktop
[root@192 Desktop]# mkdir Dir1
[root@192 Desktop]# cd Dir1
[root@192 Dir1]# mkdir Dir2
[root@192 Dir1]# cd Dir2
[root@192 Dir2]# mkdir Dir3
[root@192 Dir2]# pwd
/home/arkay/Desktop/Dir1/Dir2
```

   - Create a file using *cat> ABC.txt* command and enter the content of file.

```
/home/arkay/Desktop/Dir1/Dir2
[root@192 Dir2]# cd Dir3
[root@192 Dir3]# cat> ABC.txt
Hello this is a text file. Created by Rishav Kumar.
```

- To view all files including hidden files use *ls -a* command.

```
[root@192 Dir3]# cat ABC.txt
Hello this is a text file. Created by Rishav Kumar.
[root@192 Dir3]# ls -a
.   ..    ABC.txt
```

## Learning outcomes (What I have learned):

1. **Learned about checking partitions in Linux.**
2. **Learned about creating a partition in Linux.**

************************************** **THE END** **********************************************