ASSIGNMENT -2

1. Create a directory called iiht and inside it creates three sub directories namely trainers, trainees and employees

2. Move to employee's directory and list all the process, then get back to the home directory.

anjalikumari@DESKTOP-D58MQ92: ~/iiht/employees

```
anjalikumari@DESKTOP-D58MQ92:~$ mkdir iiht
anjalikumari@DESKTOP-D58MQ92:~$ cd iiht
anjalikumari@DESKTOP-D58MQ92:~/iiht$ mkdir trainer
anjalikumari@DESKTOP-D58MQ92:~/iiht$ mkdir trainees
anjalikumari@DESKTOP-D58MQ92:~/iiht$ mkdir employees
anjalikumari@DESKTOP-D58MQ92:~/iiht$ cd employees
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ ls
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ ls -a
.  ..
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ touch text1.txt
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ touch text2.txt
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ touch text3.txt
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ touch text4.pdf
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ touch text5.xml
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ touch mainfile.txt
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ touch anjalifile.pdf
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ touch nextfile.pdf
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ touch nestedfile
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ touch nestedfile.txt
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ touch new1.txt
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ touch new2.txt
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ ls
anjalifile.pdf  nestedfile      new1.txt  nextfile.pdf  text2.txt  text4.pdf
mainfile.txt    nestedfile.txt  new2.txt  text1.txt     text3.txt  text5.xml
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ ls -a
.   anjalifile.pdf  nestedfile      new1.txt  nextfile.pdf  text2.txt  text4.pdf
..  mainfile.txt    nestedfile.txt  new2.txt  text1.txt     text3.txt  text5.xml
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ ls -l
total 0
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:30 anjalifile.pdf
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:30 mainfile.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:31 nestedfile
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:31 nestedfile.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:31 new1.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:31 new2.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:31 nextfile.pdf
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:30 text1.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:30 text2.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:30 text3.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:30 text4.pdf
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:30 text5.xml
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$
```

3. Find the current working directory.

```
anjalikumari@DESKTOP-D58MQ92:~$ pwd
/home/anjalikumari
anjalikumari@DESKTOP-D58MQ92:~$ ls -l -a
total 8
drwxr-xr-x 1 anjalikumari anjalikumari  512 Mar 25 11:26 .
drwxr-xr-x 1 root         root          512 Mar 25 00:13 ..
-rw------- 1 anjalikumari anjalikumari  274 Mar 25 00:44 .bash_history
-rw-r--r-- 1 anjalikumari anjalikumari  220 Mar 25 00:13 .bash_logout
-rw-r--r-- 1 anjalikumari anjalikumari 3771 Mar 25 00:13 .bashrc
drwxr-xr-x 1 anjalikumari anjalikumari  512 Mar 25 00:14 .landscape
-rw-r--r-- 1 anjalikumari anjalikumari    0 Mar 25 00:14 .motd_shown
-rw-r--r-- 1 anjalikumari anjalikumari  807 Mar 25 00:13 .profile
drwxr-xr-x 1 anjalikumari anjalikumari  512 Mar 25 11:27 iiht
anjalikumari@DESKTOP-D58MQ92:~$ cd iiht
anjalikumari@DESKTOP-D58MQ92:~/iiht$ ls -a -l
total 0
drwxr-xr-x 1 anjalikumari anjalikumari 512 Mar 25 11:27 .
drwxr-xr-x 1 anjalikumari anjalikumari 512 Mar 25 11:26 ..
drwxr-xr-x 1 anjalikumari anjalikumari 512 Mar 25 11:31 employees
drwxr-xr-x 1 anjalikumari anjalikumari 512 Mar 25 11:27 trainees
drwxr-xr-x 1 anjalikumari anjalikumari 512 Mar 25 11:27 trainer
anjalikumari@DESKTOP-D58MQ92:~/iiht$ cd employees
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ ls -a -l
total 0
drwxr-xr-x 1 anjalikumari anjalikumari 512 Mar 25 11:31 .
drwxr-xr-x 1 anjalikumari anjalikumari 512 Mar 25 11:27 ..
-rw-r--r-- 1 anjalikumari anjalikumari   0 Mar 25 11:30 anjalifile.pdf
-rw-r--r-- 1 anjalikumari anjalikumari   0 Mar 25 11:30 mainfile.txt
-rw-r--r-- 1 anjalikumari anjalikumari   0 Mar 25 11:31 nestedfile
-rw-r--r-- 1 anjalikumari anjalikumari   0 Mar 25 11:31 nestedfile.txt
-rw-r--r-- 1 anjalikumari anjalikumari   0 Mar 25 11:31 new1.txt
-rw-r--r-- 1 anjalikumari anjalikumari   0 Mar 25 11:31 new2.txt
-rw-r--r-- 1 anjalikumari anjalikumari   0 Mar 25 11:31 nextfile.pdf
-rw-r--r-- 1 anjalikumari anjalikumari   0 Mar 25 11:30 text1.txt
-rw-r--r-- 1 anjalikumari anjalikumari   0 Mar 25 11:30 text2.txt
-rw-r--r-- 1 anjalikumari anjalikumari   0 Mar 25 11:30 text3.txt
-rw-r--r-- 1 anjalikumari anjalikumari   0 Mar 25 11:30 text4.pdf
-rw-r--r-- 1 anjalikumari anjalikumari   0 Mar 25 11:30 text5.xml
```

4.List all files which does not have any numeric values in their file names.

```
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ ls -l a*
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:46 an1324.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:30 anjalifile.pdf
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ ls [a-z]*[a-z]*[a-z].txt
mainfile.txt  nestedfile.txt
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ ls -l [a-z]*[a-z]*[a-z].txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:30 mainfile.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:31 nestedfile.txt
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ ls -l [a-z]*[a-z]*[a-z].pdf
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:30 anjalifile.pdf
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:31 nextfile.pdf
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ _
```

5. Display all files which has .txt extension and display all the files whose name starts with 'n'

6. List all files which are having first letter as A and last character as a in between any 4 characters.

```
anjalikumari@DESKTOP-D58MQ92: ~/iiht/employees
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ ls -a -l n*
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:31 nestedfile
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:31 nestedfile.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:31 new1.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:31 new2.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:31 nextfile.pdf
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:46 num109.txt
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ ls -l -a *.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:46 an1324.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:30 mainfile.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:31 nestedfile.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:31 new1.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:31 new2.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:46 num109.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:30 text1.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:30 text2.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:30 text3.txt
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$ ls -l n*.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:31 nestedfile.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:31 new1.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:31 new2.txt
-rw-r--r-- 1 anjalikumari anjalikumari 0 Mar 25 11:46 num109.txt
anjalikumari@DESKTOP-D58MQ92:~/iiht/employees$
```

7. Display the contents of a specified file in the directory.

```
anjalikumari@DESKTOP-D58MQ92: /mnt/e/iiht/employees
anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht/employees$ cat text1.txt
//Hello World Program in C++

//Header File
#include<bits/stdc++.h>
//Remove collision
using namesapace std;
//Main
int main()
{
cout<<"Hello World";
return 0;
}anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht/employees$ cat text2.txt
# This program prints Hello, world!

anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht/employees$ cat text3.txt
// Your First Program

class HelloWorld {
    public static void main(String[] args) {
        System.out.println("Hello, World!");
    }
}
anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht/employees$ _
```

8. Create a file called first.txt and insert some content into and copy the contents to second.txt file,

9. Move the contents from second.txt to final.txt

anjalikumari@DESKTOP-D58MQ92: /mnt/e/iiht/trainees

```
anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht/trainees$ touch first.txt
anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht/trainees$ cat first.txt
What Is Linux?
From smartphones to cars, supercomputers and home appliances, home desktops to enterprise servers, the Linux operating system is everywhere.
Linux has been around since the mid-1990s and has since reached a user-base that spans the globe.
Linux is actually everywhere: It?s in your phones, your thermostats, in your cars, refrigerators, Roku devices, and televisions.
It also runs most of the Internet, all of the world's top 500 supercomputers, and the world's stock exchanges.
But besides being the platform of choice to run desktops, servers, and embedded systems across the globe,
Linux is one of the most reliable, secure and worry-free operating systems available.
Here is all the information you need to get up to speed on the Linux platform.anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht/trainees$ cp first.txt second.txt
anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht/trainees$ cat second.txt
What Is Linux?
From smartphones to cars, supercomputers and home appliances, home desktops to enterprise servers, the Linux operating system is everywhere.
Linux has been around since the mid-1990s and has since reached a user-base that spans the globe.
Linux is actually everywhere: It?s in your phones, your thermostats, in your cars, refrigerators, Roku devices, and televisions.
It also runs most of the Internet, all of the world's top 500 supercomputers, and the world's stock exchanges.
But besides being the platform of choice to run desktops, servers, and embedded systems across the globe,
Linux is one of the most reliable, secure and worry-free operating systems available.
Here is all the information you need to get up to speed on the Linux platform.anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht/trainees$ touch final.txt
anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht/trainees$ mp second.txt final.txt
mp: command not found
anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht/trainees$ mv second.txt final.txt
anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht/trainees$ ls
final.txt  first.txt
anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht/trainees$ cat final.txt
What Is Linux?
From smartphones to cars, supercomputers and home appliances, home desktops to enterprise servers, the Linux operating system is everywhere.
Linux has been around since the mid-1990s and has since reached a user-base that spans the globe.
Linux is actually everywhere: It?s in your phones, your thermostats, in your cars, refrigerators, Roku devices, and televisions.
It also runs most of the Internet, all of the world's top 500 supercomputers, and the world's stock exchanges.
But besides being the platform of choice to run desktops, servers, and embedded systems across the globe,
Linux is one of the most reliable, secure and worry-free operating systems available.
Here is all the information you need to get up to speed on the Linux platform.anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht/trainees$ ls -l
total 8
-rwxrwxrwx 1 anjalikumari anjalikumari 778 Mar 25 15:11 final.txt
-rwxrwxrwx 1 anjalikumari anjalikumari 778 Mar 25 15:10 first.txt
anjalikumari@DESKTOP-D58MQ92:/mnt/e/iiht/trainees$
```