



KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY (KIIT)

Deemed to be University U/S 3 of UGC Act, 1956

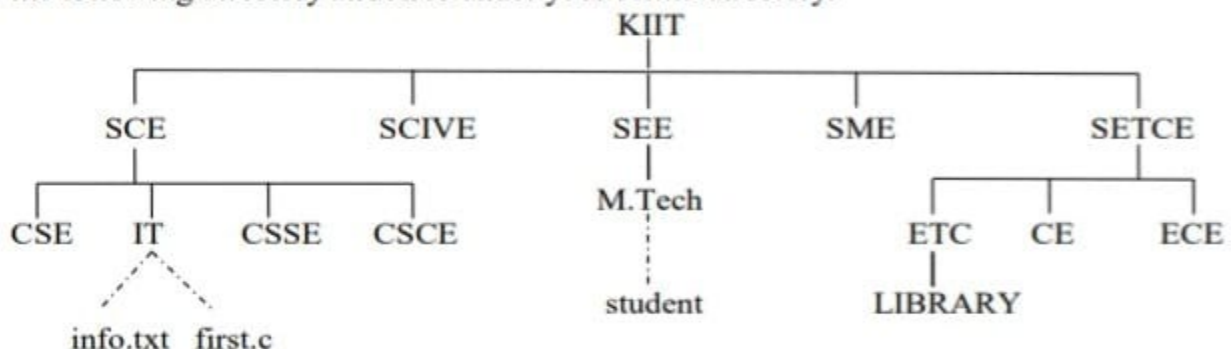
LAB 1

- Name : HITU RAJ
- Roll no. : 2005025
- Branch : CSE

Hitu Raj

Lab. Assignments

1.1 First create a sub-directory named as your roll number under your home directory. Then create the following directory structure under your rollno directory.



N.B. The names under solid lines are assumed as directories and dotted lines as file names.

Do the following operations

- Create the file names under the directories as mentioned in the figure and write some relevant data into the files.
- Rename the file info.txt as itstudentsdata.txt.
- Copy the file first.c into the directory CE with the same name.
- Copy the file first.c into the directory SME with a new name as hello.c.
- Transfer the file student into the directory SCIVE and check whether transferred or not.

```
kiit@BT1000099566: ~  
<iit@BT1000099566:~$ ls  
oslab1  
<iit@BT1000099566:~$ mkdir kiit  
<iit@BT1000099566:~$ mkdir kiit  
mkdir: cannot create directory 'kiit': File exists  
<iit@BT1000099566:~$ ls  
kiit oslab1  
<iit@BT1000099566:~$ mkdir SCE SCIVE SEE SME SETCE  
<iit@BT1000099566:~$ ls  
SCE SCIVE SEE SETCE SME kiit oslab1  
<iit@BT1000099566:~$ cd SCE  
<iit@BT1000099566:~/SCE$ mkdir CSE IT CSSE CSCE  
<iit@BT1000099566:~/SCE$ cd IT  
<iit@BT1000099566:~/SCE/IT$ cat info.txt  
cat: info.txt: No such file or directory  
<iit@BT1000099566:~/SCE/IT$ cat >info.txt  
hello we are in it and inside info folder  
^Z  
[1]+  Stopped                  cat > info.txt  
<iit@BT1000099566:~/SCE/IT$ cat >first.c  
this is a c file  
^C  
<iit@BT1000099566:~/SCE/IT$ ls  
first.c  info.txt  
<iit@BT1000099566:~/SCE/IT$ cat first.c  
this is a c file  
<iit@BT1000099566:~$  
<iit@BT1000099566:~/SEE$ cat >student  
this is a file inside SEE and mtech  
^C  
<iit@BT1000099566:~/SEE$ cd ;;  
-bash: syntax error near unexpected token `;;'  
<iit@BT1000099566:~/SEE$ cd ..  
<iit@BT1000099566:~$ cd SETCE  
<iit@BT1000099566:~/SETCE$ LS  
LS: command not found  
<iit@BT1000099566:~/SETCE$ ls  
<iit@BT1000099566:~/SETCE$ mkdir ETC CE ECE  
<iit@BT1000099566:~/SETCE$ LS  
LS: command not found  
<iit@BT1000099566:~/SETCE$ ls  
CE ECE ETC  
<iit@BT1000099566:~/SETCE$ mkdir CE  
mkdir: cannot create directory 'CE': File exists  
<iit@BT1000099566:~/SETCE$ cd CE  
<iit@BT1000099566:~/SETCE/CE$ mkdir LIBRARY  
<iit@BT1000099566:~/SETCE/CE$ cd ../../SCE/IT  
<iit@BT1000099566:~/SCE/IT$ ls  
first.c  info.txt  
<iit@BT1000099566:~/SCE/IT$ mv info.txt itstudentdata.txt  
<iit@BT1000099566:~/SCE/IT$ ls  
first.c  itstudentdata.txt  
<iit@BT1000099566:~/SCE/IT$ cp first.c ../SETCE/CE/  
cp: cannot create regular file '../SETCE/CE/': No such file or directory
```

```

kiit@BT1000099566:~/SCE/IT$ cp first.c ../../SETCE/CE
kiit@BT1000099566:~/SCE/IT$ cp first.c ../../SME/hello.ck
kiit@BT1000099566:~/SCE/IT$ cd ../../SETCE
kiit@BT1000099566:~/SETCE$ ls
CE ECE ETC
kiit@BT1000099566:~/SETCE$ cd CE
kiit@BT1000099566:~/SETCE/CE$ ls
LIBRARY first.c
kiit@BT1000099566:~/SETCE/CE$ cd ../ETC
kiit@BT1000099566:~/SETCE/ETC$ cd ../CE
kiit@BT1000099566:~/SETCE/CE$ ls
LIBRARY first.c
kiit@BT1000099566:~/SETCE/CE$ mv LIBRARY ../ETC
kiit@BT1000099566:~/SETCE/CE$ cd ../CE
kiit@BT1000099566:~/SETCE/CE$ ls
first.c
kiit@BT1000099566:~/SETCE/CE$ cd ../ETC
kiit@BT1000099566:~/SETCE/ETC$ ls
LIBRARY
kiit@BT1000099566:~/SETCE/ETC$ cd
kiit@BT1000099566:~$ ls
SCE SCIVE SEE SETCE SME kiit oslab1
kiit@BT1000099566:~$ cp SEE/M.Tech/student SCIVE
cp: cannot stat 'SEE/M.Tech/student': No such file or directory
kiit@BT1000099566:~/SEE$ ls
M.Tech student
kiit@BT1000099566:~/SEE$ mv student M.Tech
kiit@BT1000099566:~/SEE$ ls
M.Tech
kiit@BT1000099566:~/SEE$ cd M.tech
-bash: cd: M.tech: No such file or directory
kiit@BT1000099566:~/SEE$ cd M.Tech
kiit@BT1000099566:~/SEE/M.Tech$ ls
student
kiit@BT1000099566:~/SEE/M.Tech$ mv student SCIVE/
mv: cannot move 'student' to 'SCIVE/': Not a directory
kiit@BT1000099566:~/SEE/M.Tech$ mv student SCIVE
kiit@BT1000099566:~/SEE/M.Tech$ cd
kiit@BT1000099566:~$ tree KIIT
KIIT [error opening dir]

0 directories, 0 files
kiit@BT1000099566:~$ tree kiit
kiit

0 directories, 0 files
kiit@BT1000099566:~$ ls
SCE SCIVE SEE SETCE SME kiit oslab1
kiit@BT1000099566:~$ mv SCE SCIVE SEE SETCE SME kiit
kiit@BT1000099566:~$ ls
kiit oslab1

```

```
<iit@BT1000099566:~$ tree kiit
```

```
kiit
├── SCE
│   ├── CSCE
│   ├── CSE
│   ├── CSSE
│   └── IT
│       ├── first.c
│       └── itstudentdata.txt
├── SCIVE
├── SEE
│   └── M.Tech
│       └── SCIVE
├── SETCE
│   ├── CE
│   │   └── first.c
│   ├── ECE
│   └── ETC
│       └── LIBRARY
└── SME
    └── hello.c
```

```
14 directories, 5 files
```

```
<iit@BT1000099566:~$ cd SEE/M.Tech
```

```
-bash: cd: SEE/M.Tech: No such file or directory
```

```
<iit@BT1000099566:~$ cd SCIVE/SEE/M.Tech
```

```
-bash: cd: SCIVE/SEE/M.Tech: No such file or directory
```

```
<iit@BT1000099566:~$ cd kiit/SEE/M.Tech
```

```
<iit@BT1000099566:~/kiit/SEE/M.Tech$ ls
```

```
SCIVE
```

```
<iit@BT1000099566:~/kiit/SEE/M.Tech$ rm SCIVE
```

```
<iit@BT1000099566:~/kiit/SEE/M.Tech$ cat >student
```

```
helo this is inside mtech student
```

```
^C
```

```
<iit@BT1000099566:~/kiit/SEE/M.Tech$ ls
```

```
student
```

```
<iit@BT1000099566:~/kiit/SEE/M.Tech$ cat student
```

```
helo this is inside mtech student
```

```
<iit@BT1000099566:~/kiit/SEE/M.Tech$ mv student ../../SCIVE
```

```
<iit@BT1000099566:~/kiit/SEE/M.Tech$ cs
```

```
Command 'cs' not found, but can be installed with:
```

```
sudo apt install csound
```

```
<iit@BT1000099566:~/kiit/SEE/M.Tech$ cd
```

```
<iit@BT1000099566:~$ tree kiit
```

```
kiit
├── SCE
│   ├── CSCE
│   ├── CSE
│   ├── CSSE
│   └── IT
│       └── first.c
```

```
sudo apt install csound
```

```
kiit@BT1000099566:~/kiit/SEE/M.Tech$ cd
```

```
kiit@BT1000099566:~$ tree kiit
```

```
kiit
```

```
├── SCE
│   ├── CSCE
│   ├── CSE
│   ├── CSSE
│   └── IT
│       ├── first.c
│       └── itstudentdata.txt
├── SCIVE
│   └── student
├── SEE
│   └── M.Tech
├── SETCE
│   ├── CE
│   │   └── first.c
│   ├── ECE
│   └── ETC
│       └── LIBRARY
└── SME
    └── hello.c
```

```
14 directories, 5 files
```

```
kiit@BT1000099566:~$
```

2005025_Hitu raj