40_B_santeena_varghese
FIT20MCA-2098

```
exam@debian:~$ mkdir sales
exam@debian:~$ cd sales
exam@debian:~/sales$ mkdir location1 location2 location3
exam@debian:~/sales$ cd location1
exam@debian:~/sales/location1$ emacs sales1.txt
exam@debian:~/sales/location1$ emacs sales2.txt
exam@debian:~/sales/location1$ emacs sales3.txt
exam@debian:~/sales/location1$ cd ..
xam@debian:~$ cd sales
exam@debian:~/sales$ ls
location1  location2  location3
exam@debian:~/sales$ cd location1
exam@debian:~/sales/location1$ ls
sales1.txt  sales2.txt  sales3.txt
exam@debian:~$ cd ..
exam@debian:~/sales$ cd location2
exam@debian:~/sales/location2$ emacs pur1.txt
exam@debian:~/sales/location2$ emacs pur2.txt
exam@debian:~/sales/location2$ ls
pur1.txt  pur2.txt
exam@debian:~/sales/location2$  cd ..
exam@debian:~/sales$ cd location3
exam@debian:~/sales/location3$ emacs stock1.txt
exam@debian:~/sales/location3$ emacs stock2.txt
exam@debian:~/sales/location3$ ls
stock1.txt  stock2.txt
exam@debian:~/sales/location3$ cd ..
exam@debian:~/sales$ cd location2
```

Q1)

```
exam@debian:~/sales/location2$ cat pur1.txt pur2.txt>>pur3.txt

exam@debian:~/sales/location2$ ls
pur1.txt  pur2.txt  pur3.txt
exam@debian:~/sales/location2$ emacs pur3.txt
```

Q2)

```
exam@debian:~/sales/location2$ cp pur3.txt ~/sales/location3/stock3.txt

exam@debian:~/sales/location2$ cd ..
exam@debian:~/sales$ cd location3
exam@debian:~/sales/location3$ ls
stock1.txt  stock2.txt  stock3.txt
exam@debian:~/sales/location3$ emacs stock3.txt
```

Q3)

exam@debian:~/sales/location3$ chmod +rwx stock3.txt

Q4)

exam@debian:~/sales/location3$ head -n 10 stock1.txt
stock file 1
line 2
line 3
line 4
line 5
line 6
line 7
line 8
line 9
line 10

Q5)
exam@debian:~/sales/location3$ cd
exam@debian:~$ cd sales

exam@debian:~/sales$ ls -al
total 20
drwxr-xr-x 5 exam exam 4096 Oct 8 14:04 .
drwxr-xr-x 19 exam exam 4096 Oct 8 13:57 ..
drwxr-xr-x 2 exam exam 4096 Oct 8 13:59 location1
drwxr-xr-x 2 exam exam 4096 Oct 8 14:09 location2
drwxr-xr-x 2 exam exam 4096 Oct 8 14:16 location3
-rw-r--r-- 1 exam exam   0 Oct 8 14:04 pur3.txt

SHELL PROGRAM

```
echo "1-sphere"
echo "2-cube"
echo "3-cylinder"
echo "4-exist"
echo "Enter your choice:"
read op
p=$((22/7))
case $op in
  1)echo "Enter radius :"
     read r
     v=$(((4/3)* $p*$r*$r*$r))
     echo "volume of sphere :$v"
    ;;
2)echo "Enter the length of the cube:"
   read a
   v=$(($a*$a*$a))
   echo "volume of cube:$v"
  ;;
3)echo "Enter the radius :"
  read r
  echo "Enter the height :"
  read h
```

```
  v=$(($p*$r*$r*$h))

echo "volume of cylinder :$v"
 ;;
4)echo "exit!"
  ;;
esac
```