

EXPERIMENT – 07

QUES 01:

```
localhost:~# nano evenorodd.sh
```

```
GNU nano 4.9.3
#!/bin/bash
read -p "Enter a number" num
if [  $$(num\%2)$  -eq 0 ]
then
echo "Your number is even"
else
echo "Your number is odd"
fi
```

```
localhost:~# chmod 711 evenorodd.sh
localhost:~# ./evenorodd.sh
Enter a number 20
Your number is even
localhost:~#
```

QUES 02:

```
localhost:~# nano directories.sh
```

```
GNU nano 4.9.3
#!/bin/bash
mkdir -p {Math,English}/{notes,Examresults}
```

```
localhost:~# chmod 711 directories.sh
localhost:~# ./directories.sh
localhost:~# ls
English      bench.py      evenorodd.sh  hello.js
Math         directories.sh hello.c        readme.txt
localhost:~# cd Math
localhost:~/Math# ls
Examresults  notes
localhost:~/Math# cd ..
localhost:~# cd English
localhost:~/English# ls
Examresults  notes
localhost:~/English# cd ..
localhost:~#
```

QUES 03:

```
localhost:~# cat>cars.txt
Honda
Toyota
Hyundai
localhost:~#
```

```
localhost:~# nano linecount.sh
```

```
GNU nano 4.9.3
#!/bin/bash
myfile='cars.txt'
i=1
while read lines;do
echo "$i : $lines"
i=$((i+1))
done < $myfile
```

```
localhost:~# chmod 711 linecount.sh
localhost:~# ./linecount.sh
1 : Honda
2 : Toyota
3 : Hyundai
localhost:~#
```

QUES 04:

```
localhost:~# nano textfile.sh
```

```
GNU nano 4.9.3
#!/bin/bash
myfile='cars.txt'
if [ -f "$myfile" ];then
echo "$myfile exists"
else
echo "$myfile not exists"
fi
```

```
localhost:~# chmod 711 textfile.sh
localhost:~# ./textfile.sh
cars.txt exists
localhost:~#
```

QUES 05:

```
localhost:~# ls
English    bench.py    directories.sh  hello.c    linecount.sh  textfile.sh
Math       cars.txt    evenorodd.sh   hello.js   readme.txt
localhost:~# rm cars.txt
localhost:~# ls
English    bench.py    evenorodd.sh   hello.js   readme.txt
Math       directories.sh  hello.c        linecount.sh  textfile.sh
localhost:~#
```