Experiment 02

QUES . Create a directory vehicle. In Vehicle create three directories with names Fourwheelers, Threewheelers, Twowheelers. In Fourwheelers create directories Bus, Car, Truck. In Threewheelers create directories Auto. In Twowheelers create directories cycle and scooty. In Car directory create files carbrand.txt, busbrand.txt, truckband.txt, autocolor.txt, cyclebrand.txt. Write two lines in each file. Move each files in their respective directories, also delete cycle directory finally.

1. Create a directory vehicle

```
localhost:~# ls
bench.py    hello.c      hello.js     readme.txt
localhost:~# mkdir vehicle
localhost:~# ls
bench.py     hello.c      hello.js     readme.txt  vehicle
```

2. Change to directory vehicle

```
localhost:~# cd vehicle
```

3. Create to sub directories in vehicle

```
localhost:~/vehicle# mkdir Fourwheelers Threewheelers Twowheelers
localhost:~/vehicle# ls
Fourwheelers    Threewheelers   Twowheelers
```

4. Change to directory Fourwheelers

```
localhost:~/vehicle# cd Fourwheelers
```

5. Create to sub directories in vehicle

```
localhost:~/vehicle/Fourwheelers# mkdir bus car truck
localhost:~/vehicle/Fourwheelers# ls
bus      car      truck
```

6. Come to vehicle directory and open Threewheelers directory and create a Auto Directory.

```
localhost:~/vehicle/Fourwheelers# cd
localhost:~# cd vehicle
localhost:~/vehicle# cd Threewheelers
localhost:~/vehicle/Threewheelers# mkdir Auto
localhost:~/vehicle/Threewheelers# ls
Auto
```

7. Come to vehicle directory and open Twowheelers directory and create a Cycle and scooty Directory.

```
localhost:~/vehicle# cd Twowheelers
localhost:~/vehicle/Twowheelers# mkdir cycle scooty
localhost:~/vehicle/Twowheelers# ls
cycle    scooty
```

8. In Car directory create files carbrand.txt, busbrand.txt, truckband.txt, autocolor.txt, cyclebrand.txt. and write two lines in each file using cat command.

```
localhost:~/vehicle/Fourwheelers/car# cat > carbrand.txt
Car brands Consist of Toyota,Maruti Suzuki.
More can be Skoda,Kia.
localhost:~/vehicle/Fourwheelers/car# cat > busbrand.txt
Bus Brands Consist of
Force,Mercedes,Volvo
localhost:~/vehicle/Fourwheelers/car# cat > truckbrand.txt
Truck Brand Consist of
Tata,Bharat Benz
localhost:~/vehicle/Fourwheelers/car# cat > autocolor.txt
Auto Comes in many colours such as
Yellow,Pink,Black,Blue,Green
localhost:~/vehicle/Fourwheelers/car# cat > cyclebrand.txt
Cycle brands are
avon,hero and many more
localhost:~/vehicle/Fourwheelers/car# ls
autocolor.txt    busbrand.txt    carbrand.txt    cyclebrand.txt  truckbrand.txt
```

9. Now move the files respective to their directory locations.

```
localhost:~/vehicle/Fourwheelers/car# mv busbrand.txt ..//bus/busbrand.txt
localhost:~/vehicle/Fourwheelers/car# ls
autocolor.txt    carbrand.txt    cyclebrand.txt  truckbrand.txt
```

```
localhost:~/vehicle/Fourwheelers/car# mv truckbrand.txt ..//truck/truckbrand.txt
```

```
localhost:~/vehicle/Fourwheelers/car# mv autocolor.txt ..//..//Auto
localhost:~/vehicle/Fourwheelers/car# ls
carbrand.txt    cyclebrand.txt
```

```
localhost:~/vehicle/Fourwheelers/car# mv cyclebrand.txt ..//..//cycle
localhost:~/vehicle/Fourwheelers/car# ls
carbrand.txt
```

10. Now check the files with respective to their directories

```
localhost:~/vehicle/Fourwheelers# ls
bus     car     truck
localhost:~/vehicle/Fourwheelers# cd bus
localhost:~/vehicle/Fourwheelers/bus# ls
busbrand.txt
localhost:~/vehicle/Fourwheelers/bus# cd ..
localhost:~/vehicle/Fourwheelers# cd car
localhost:~/vehicle/Fourwheelers/car# ls
carbrand.txt
localhost:~/vehicle/Fourwheelers/car# cd ..
localhost:~/vehicle/Fourwheelers# cd truck
localhost:~/vehicle/Fourwheelers/truck# ls
truckbrand.txt
```

11. Now delete the cycle directory.

```
localhost:~/vehicle/Twowheelers# rmdir cycle
localhost:~/vehicle/Twowheelers# ls
scooty
```

List of Commands:

1. grep – Search for a pattern in files

```
localhost:~# grep "console" hello.js
```

2. ps – Display information about active processes

```
localhost:~# ps
```

3. df – Display disk space usage

```
localhost:~# df
```

4. history – Show Command History

```
localhost:~# history
```

5. sudo – Execute a command with super user privileges

```
localhost:~# sudo -h
```