Experiment 3

Aim: 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 the Car directory, create files: Carbrand.txt,Busbrand.txt,Truckbrand.txt,Autocolor.txt, Cyclebrand.txt. Write 2 lines in each file. Move each file to their respective directories. Also,delete the Cycle directory finally.

Step1: Create a directory named Vehicle
mkdir Vehicle
ls

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

Step2:In vehicle directory create subdirectories-   Fourwheelers,Threewheelers ,
Twowheelers .
cd vehicle
mkdir Fourwheelers Threewheelers Twowheelers
ls

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

Step3:Inside the fourwheelers directory, create the following subdirectories- Bus,
Car,Truck .
cd Fourwheelers
mkdir Bus Car Truck
ls

```
localhost:~/vehicle# cd Fourwheelers
localhost:~/vehicle/Fourwheelers# mkdir Bus Car Truck
localhost:~/vehicle/Fourwheelers# ls
Bus     Car     Truck
```

Step4: Inside the Threewheelers directory, create a subdirectory named Auto
cd Threewheelers

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mkdir Auto

ls

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

Step 5: Inside the Twowheelers directory,create the following subdirectories- Cycle, Scooty.

cd Twowheelers

mkdir Cycle Scooty

ls

```
localhost:~/vehicle# cd Twowheelers
localhost:~/vehicle/Twowheelers# mkdir Cycle Scooty
localhost:~/vehicle/Twowheelers# ls
Cycle    Scooty
```

Step 6: In the Car directory, create the following files- Carbrand.txt,Busbrand.txt , Truckbrand.txt,Autocolor.txt ,Cyclebrand.txt.

cd Fourwheelers

cd car

cat>carbrand.txt

cat>busbrand.txt

cat>truckbrand.txt

cat>autocolor.txt

cat>cyclebrand.txt

ls

```
localhost:~/vehicle/Fourwheelers# cd Car
localhost:~/vehicle/Fourwheelers/Car# cat>carbrand.txt
Car brands are Toyota, Mercedes, BMW.
Sports car brands are Porshce and Ferrari.
localhost:~/vehicle/Fourwheelers/Car# cat>busbrand.txt
Bus brands consists of Volvo, Force.
Volvo is a luxurious bus.
localhost:~/vehicle/Fourwheelers/Car# cat>truckbrand.txt
Truck brand consists of Bharat benz and Tata.
localhost:~/vehicle/Fourwheelers/Car# cat>autocolour.txt
Autos comes in many colors Green-Yellow, Pink and Black.
Green-Yellow is most commonly seen on roads.
localhost:~/vehicle/Fourwheelers/Car# cat>cyclebrand.txt
Cycle brands are as follows:
Avon,Atlas and Firefox.
localhost:~/vehicle/Fourwheelers/Car# ls
autocolour.txt  busbrand.txt    carbrand.txt    cyclebrand.txt  truckbrand.txt
```

Step 7: Now move the files from Car directory to their respective directories.

mv busbrand.txt ..//Bus//busbrand.txt

mv truckbrand.txt ..//Truck/truckbrand.txt

ls

```
localhost:~/vehicle/Fourwheelers/Car# mv busbrand.txt ..//Bus/busbrand.txt
localhost:~/vehicle/Fourwheelers/Car# mv truckbrand.txt ..//Truck/truckbrand.txt
localhost:~/vehicle/Fourwheelers/Car# ls
autocolour.txt   carbrand.txt     cyclebrand.txt
```

mv autocolour.txt ..//..//Auto
ls
mv cyclebrand.txt ..//..//Cycle
ls

```
localhost:~/vehicle/Fourwheelers/Car# mv autocolour.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
```

Step 8: Delete the Cycle Directory
cd Twowheelers
rmdir Cycle
ls

```
localhost:~/vehicle/Fourwheelers/Car# cd ..
localhost:~/vehicle/Fourwheelers# cd ..
localhost:~/vehicle# cd Twowheelers
localhost:~/vehicle/Twowheelers# rmdir Cycle
localhost:~/vehicle/Twowheelers# ls
Scooty
```