

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 Porsche 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

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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
```