

Experiment 03

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.

Step 1: Create a directory named Vehicle.

mkdir Vehicle

ls

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

Step 2: 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
```

Step 3: 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
```

Step 4: Inside the Threewheelers directory, create a subdirectory named Auto

cd Threewheelers

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 > autoclour.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
```