

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.

Step 1 : Create a directory named Vehicle using

mkdir Vehicle

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

Step 2 : In Vehicle, create three directories namely Fourwheelers, Threewheelers and Twowheelers using

cd Vehicle

mkdir Fourwheelers Threewheelers Twowheelers

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

Step 3 : Inside the Fourwheelers directory, create the following subdirectories – Bus, Car, Truck using

cd Fourwheelers

mkdir Bus Car Truck

```
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 the following subdirectory Auto using

cd Threewheelers

mkdir Auto

```
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 and Scooty using

```
cd Twowheelers
mkdir Cycle Scooty
```

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

Step 6 : Now in the Car directory, create the following files : carbrand.txt, busbrand.txt, truckbrand.txt, autocolor.txt, cyclebrand.txt and write two lines in each of the files using

```
cd Fourwheelers
cd Car
cat > carbrand.txt
cat > busbrand.txt
cat > truckbrand.txt
cat > autocolor.txt
cat > cyclebrand.txt
ls
```

```
localhost:~/Vehicle# cd Fourwheelers
localhost:~/Vehicle/Fourwheelers# cd Car
localhost:~/Vehicle/Fourwheelers/Car# cat > carbrand.txt
Car brands are Toyota, KIA, Vitara
Some sports cars are Porshce and Ferrari
localhost:~/Vehicle/Fourwheelers/Car# cat > busbrand.txt
Bus brands are Volvo, Force.
buses are comfortable for travel.
localhost:~/Vehicle/Fourwheelers/Car# cat > truckbrand.txt
Truck brands are Bharat benz and Tata.
localhost:~/Vehicle/Fourwheelers/Car# cat > autocolor.txt
Autos comes in many colours like green-yellow, pink-black.
But green-yellow autos are most common.
localhost:~/Vehicle/Fourwheelers/Car# cat > cyclebrand.txt
Cycle brand are as follows :
Avon, Atlas and Firefox
localhost:~/Vehicle/Fourwheelers/Car# ls
autocolor.txt  busbrand.txt  carbrand.txt  cyclebrand.txt  truckbrand.txt
localhost:~/Vehicle/Fourwheelers/Car#
```

Step 7 : Now move each file to their respective directories using

(a) For busbrand.txt

```
cd Car
mv busbrand.txt ../Bus/busbrand.txt
```

```
localhost:~/Vehicle/Fourwheelers/Car# mv busbrand.txt ../Bus/busbrand.txt
localhost:~/Vehicle/Fourwheelers/Car# ls
autocolor.txt  carbrand.txt  cyclebrand.txt  truckbrand.txt
```

(b) For truckbrand.txt

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

```
localhost:~/Vehicle/Fourwheelers# cd Car
localhost:~/Vehicle/Fourwheelers/Car# mv truckbrand.txt ../Truck/truckbrand.txt
localhost:~/Vehicle/Fourwheelers/Car# ls
autocolor.txt  carbrand.txt  cyclebrand.txt
```

(c) For autocolor.txt

```
mv autocolor.txt ../../Auto
```

```
localhost:~/Vehicle/Fourwheelers/Car# mv autocolor.txt ../../Auto
localhost:~/Vehicle/Fourwheelers/Car# ls
carbrand.txt  cyclebrand.txt
```

(d) For cyclebrand.txt

```
mv cyclebrand.txt ../../Cycle
```

```
localhost:~/Vehicle/Fourwheelers/Car# mv cyclebrand.txt ../../Cycle
localhost:~/Vehicle/Fourwheelers/Car# ls
carbrand.txt
```

Step 8 : Now, finally delete the Cycle directory from the system using

```
cd Twowheelers
```

```
rmdir Cycle
```

```
ls
```

```
localhost:~/Vehicle# cd Twowheelers
localhost:~/Vehicle/Twowheelers# rmdir Cycle
localhost:~/Vehicle/Twowheelers# ls
Scooty
localhost:~/Vehicle/Twowheelers#
```