

Car Pooling System - Requirement 6

Requirement 6:

Currently you have three arraylists, one of type member objects (prefilled in template code), one of type car objects (prefilled in template code) and the membercar arraylist constructed by you.

1. Write a function `groupByColor` which takes all three arraylists and returns a hashmap with car color as key and list of memberCars as value.

Pre-filled member details:

```
1,joe,root,joe.root@a.com,1234567890,AH1,12-12-2001,12-12-2010
2,ben,stokes,ben.stokes@a.com,2345678901,AH2,12-12-2002,12-12-2011
3,virat,kohli,virat.kohli@a.com,3456789012,AH3,12-12-2003,12-12-2012
```

Pre-filled car details:

```
1,i10,sports,2007,Hyundai,8
2,alto,kx1,2008,Maruti,6
3,polo,topline,2010,Volks,5
4,kwid,lxi,2010,Renault,5
```

Sample Input and Output:

Color to search

white

Number of member cars

3

Enter the member car details

1,1,2,TN66AB4214,brown

2,1,1,TN38BR9689,white

3,2,4,TN61EB4004,white

white car registration numbers:

TN38BR9689

TN61EB4004