

**Lab Goal :** This lab was designed to teach you how to use a Map.

**Lab Description :** Read in and organize a list of Parts. Parts are stored in PartList. PartList contains a Map of Parts.

Auto Parts are to be sorted using the following criteria ::

1<sup>st</sup> – Make

2<sup>nd</sup> – Model

3<sup>rd</sup> – Same models are to be sorted by year

### Sample Data :

Water Pump 19934 Ford Taurus 1999  
Air Filter 98765 Chevy Silverado 2002  
Radiator 23102 Dodge Dakota 2001  
Fuel Filter 19967 Ford Taurus 1999  
Wiper Blades 12321 Chevy Camaro 2002  
Water Pump 19912 Ford Expedition 1997  
Water Pump 19934 Ford Taurus 1999  
Air Filter 98765 Chevy Silverado 2002

### FILES NEEDED FOR THIS LAB

`Part.java`

`PartList.java`

`PartRunner.java`

### Sample Output :

Chevy Camaro 2002 Wiper Blades 12321 - 1  
Chevy Silverado 2002 Air Filter 98765 - 2  
Dodge Dakota 2001 Radiator 23102 - 1  
Ford Expedition 1997 Water Pump 19912 - 1  
Ford Taurus 1999 Fuel Filter 19967 - 1  
Ford Taurus 1999 Water Pump 19934 - 2