

```
public class Car
{private int year;
  private String model;
  private int miles;
  private double cost;

  public Car(String n, int y, int m, double c)
  {model = n;
    year = y;
    miles = m;
    cost = c;
  }

  public String getName()
  {return model;
  }

  public int getYear()
  {return year;
  }

  public int getMiles()
  {return miles;
  }

  public double getCost()
  {return cost;
  }
}
```

```
public class Carlot
{ private Car[] ar = new Car[100];
  private int ct = 0;

  public void addACar(String n, int y,double co,int miles)
  {

  }

  public void printNamesAndYears() // model and year
  {
  }
}
```

```
public void printCheapestCar() // print model and year
{
}
```

```
public int getNumberOfCars()
{
}
```

```
public void printCost(String name) // name is the model - first one found
{
}
```

```
public double averageCostOfCar()
{
}
```

```
public String oldestCar() // return model and year
{
}
```

```
public void printCarsWithMileageUnder(int m) // print model and mileage
{
}

}
```