

Name.java

```
1//Osemeigah
2
3package week3src;
4
5import java.util.*; 6
7public class Name {
8    private String firstname, middlename, surname; 9 10
11    public ArrayList<Car> cars;
12
13    public Name(String fname, String sname)
14    {
15        firstname = fname; 16        middlename = ""; 17        surname =
sname;
18        cars = new ArrayList<Car>();
19
20    }
21
22
23    public Name(String fname, String mname, String sname)
24    {
25        firstname = fname; 26        middlename = mname; 27        surname =
sname;
28        cars = new ArrayList<Car>();
29    }
30
31    public void addCar(Car c) {
32        cars.add(c);
33    }
34
35
36    public Car getCarAt(int i) {
37        return cars.get(i);
38
39    }
40
41    public int getCarCount() {
42        return cars.size();
43    }
44    public Name(String fullname)
45    {
46        int spacePos1 = fullname.indexOf(" ");
47        firstname = fullname.substring(0, spacePos1);
48        int spacePos2 = fullname.lastIndexOf(" ");
49        if (spacePos1 == spacePos2)
50            middlename = "";
51        else
52            middlename = fullname.substring(spacePos1+1, spacePos2);
53        surname = fullname.substring(spacePos2 +1);
54
55    }
56
57    public String getFirstname() {
58        return firstname;
59    }
60
61    public void setFirstname(String firstname) {
62        this.firstname = firstname;
63    }
64
```

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```

65     public String getMiddlename() {
66         return middlename;
67     }
68
69     public void setMiddlename(String middlename) {
70         this.middlename = middlename;
71     }
72
73     public String getSurname() {
74         return surname;
75     }
76
77     public void setSurname(String surname) {
78         this.surname = surname;
79     }
80
81     public String getFullname() {
82         String result = firstname + " ";
83         if (!middlename.equals("")) {
84             result+=middlename+ " ";
85         }
86         result +=surname;
87     return result;
88 }
89
90     public String getFirstAndSurName() {
91         String result = firstname + "";
92         if (middlename != " ") {
93             result += " ";
94         }
95         result+= surname;
96     return result;
97 }
98
99     public String getSurNameComaFirstName() {
100         String result = surname + ",";
101         if (middlename != " ") {
102             result += " ";
103         }
104         result+= firstname;
105     return result;
106
107 }
108
109
110
111
112
113
114}
115

```