

```
1 public class Name
2 {
3     private String firstName;
4     private String initials;
5     private String surname;
6
7     public Name()
8     {
9         this("");
10    }
11
12    public Name(String newName)
13    {
14        String[] nameParts = newName.split(",");
15        if (nameParts.length==3)
16        {
17            setFirstName(nameParts[0]);
18            setInitials(nameParts[1]);
19            setSurname(nameParts[2]);
20        }
21        else
22        {
23            setFirstName("");
24            setInitials("");
25            setSurname("");
26        }
27    }
28
29    public void setFirstName(String firstName)
30    {
31        this.firstName = firstName;
32    }
33
34    public void setInitials(String initials)
```

```
35     {
36         this.initials = initials;
37     }
38
39     public void setSurname(String surname)
40     {
41         this.surname = surname;
42     }
43
44     public String getFirstName()
45     {
46         return firstName;
47     }
48
49     public String getInitials()
50     {
51         return initials;
52     }
53
54     public String getSurname()
55     {
56         return surname;
57     }
58
59     public String getFullName()
60     {
61         return getFirstName() + " " + getInitials() + " " + getSurname();
62     }
63
64     public String toString()
65     {
66         return getFullName();
67     }
68
```

```
69
70     public static void main(String[] args)
71     {
72         Name billy = new Name("William,WH,Bonney");
73         System.out.println("billy = " + billy.getFullName());
74
75         Name jd = new Name("John,,Doe");
76         System.out.println("jd = " + jd);
77
78         Name none = new Name();
79         System.out.println("none = " + none.getFullName());
80     }
81 }
```