

```
1 public class TestingClass {
2     public static void main(String[] args) {
3
4         // Prints message to screen; shortcut sout
5         System.out.println("Hello World!");
6
7         // Create instance of User class
8         User u1 = new User("Michael", "Jordan");
9
10        // Use getters and setters to print full name
11        System.out.println(u1.getFirstName() + " " + u1.getLastName())
12        ;
13        // Uses getFullName method which uses sout to display full
14        name
15        // Void method; does not return anything
16        u1.getFullName();
17        // Uses getFullName method with parameters and sout to display
18        full name;
19        // Value returning method; returns String
20        System.out.println(u1.getFullName(u1.getFirstName(), u1.
21        getLastName()));
22
23        // Static method to display a message
24        User.welcomeStudent();
25
26        // Another way of creating a User using a static method
27        User u2 = User.createUser("Joe", "Smith");
28        u2.getFullName();
29    }
30 }
```

```
1 import java.util.ArrayList;
2
3 public class User {
4     private String firstName;
5     private String lastName;
6
7     public User() {
8     }
9
10    public User(String firstName, String lastName) {
11        this.firstName = firstName;
12        this.lastName = lastName;
13    }
14
15    public String getFirstName() {
16        return firstName;
17    }
18
19    public void setFirstName(String firstName) {
20        this.firstName = firstName;
21    }
22
23    public String getLastName() {
24        return lastName;
25    }
26
27    public void setLastName(String lastName) {
28        this.lastName = lastName;
29    }
30
31    public void getFullName() {
32        System.out.println(firstName + " " + lastName);
33    }
34
35    public String getFullName(String fn, String ln) {
36        return fn + " " + ln;
37    }
38
39    public static void welcomeStudent() {
40        System.out.println("Welcome student to my class.");
41    }
42
43    public static User createUser(String fn, String ln) {
44        return new User(fn, ln);
45    }
```

File - User.java

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46 }
```

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47
```