

```
1 package stanford.guided_lab_309_5;
2
3 import org.springframework.boot.SpringApplication;
4 import org.springframework.boot.autoconfigure.
  SpringApplication;
5
6 @SpringBootApplication
7 public class Application {
8
9     public static void main(String[] args) {
10         SpringApplication.run(Application.class, args
11     );
12     }
13 }
14
```

```
1 package stanford.guided_lab_309_5.model;
2
3 import lombok.AccessLevel;
4 import lombok.Data;
5 import lombok.NoArgsConstructor;
6 import lombok.experimental.FieldDefaults;
7
8 @NoArgsConstructor
9 @FieldDefaults(level = AccessLevel.PRIVATE)
10 public class User {
11     int id;
12     String name;
13     String email;
14
15     public User(int id, String name, String email) {
16         this.id = id;
17         this.name = name;
18         this.email = email;
19     }
20
21     public User(int id, String name) {
22         this.id = id;
23         this.name = name;
24     }
25     public int getId() {
26         return id;
27     }
28     public void setId(int id) {
29         this.id = id;
30     }
31
32     public String getName() {
33         return name;
34     }
35
36     public void setName(String name) {
37         this.name = name;
38     }
39     public String getEmail() {
40         return email;
41     }
}
```

```
42     public void setEmail(String email) {
43         this.email = email;
44     }
45     @Override
46     public String toString() {
47         return "User{" +
48             "id=" + id +
49             ", name='" + name + '\'' +
50             ", email='" + email + '\'' +
51             '}';
52     }
53 }
```

```
1 package stanford.guided_lab_309_5.controller;
2
3 import org.springframework.web.bind.annotation.
  PostMapping;
4 import org.springframework.web.bind.annotation.
  RequestBody;
5 import org.springframework.web.bind.annotation.
  RestController;
6 import stanford.guided_lab_309_5.model.User;
7
8 @RestController
9 public class UserController {
10     @PostMapping("/users")
11     public void printData(@RequestBody User user) {
12         System.out.println("Printing the user data:"+
13             user);
14     }}
15
```

1
2

```
1 package stanford.guided_lab_309_5;
2
3 import org.junit.jupiter.api.Test;
4 import org.springframework.boot.test.context.
  SpringBootTest;
5
6 @SpringBootTest
7 class ApplicationTests {
8
9     @Test
10     void contextLoads() {
11     }
12
13 }
14
```