```java
1  package stanford.guided_lab_309_5.SP8;
2
3  import org.springframework.format.annotation.
   DateTimeFormat;
4  import org.springframework.stereotype.Controller;
5  import org.springframework.web.bind.annotation.
   GetMapping;
6  import org.springframework.web.bind.annotation.
   PathVariable;
7  import org.springframework.web.bind.annotation.
   ResponseBody;
8
9  import java.time.LocalDate;
10 import java.time.LocalTime;
11 import java.util.Arrays;
12 import java.util.List;
13 import java.util.Map;
14
15 @Controller
16 class PathVariableController {
17     @GetMapping("/request1/{name}")
18     @ResponseBody
19     public String handler(@PathVariable(name = "name"
   ) String name) {
20         return "URL parameter name: " + name;
21     }
22
23     @GetMapping("/request2/{firstName}/{lastName}")
24     @ResponseBody
25     public String handler(@PathVariable String
   firstName, @PathVariable String lastName) {
26         return "URL parameters - <br>" + " firstName
    = " + firstName + " <br>" + " lastName = " +
   lastName;
27     }
28
29     @GetMapping("/request3/{name}/{age}/{salary}/{
   active}")
30     @ResponseBody
31     public String handler(@PathVariable("name")
   String name, @PathVariable("age") int age,
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32                              @PathVariable("salary")
   double salary, @PathVariable("active") boolean active
   ) {
33          return "URL parameters - <br>" + " name = "
    + name + " <br>" + " age = " + age + " <br>" + "
   salary = " + salary + " " +
34                    "<br>" + " active = " + active;
35      }
36      @GetMapping("/request4/{name}/{age}/{address}/{
   city}/{country}")
37      @ResponseBody
38      public String handler(@PathVariable Map<String,
   String> params){
39          StringBuilder builder = new StringBuilder();
40          builder.append("URL paramters - <br>");
41          for (Map.Entry<String,String> entry : params.
   entrySet()){
42              builder.append(entry.getKey() + " = " +
   entry.getValue() + "<br>");
43          }
44          return builder.toString();
45      }
46
47      @GetMapping("/request5/{date}/{time}")
48      @ResponseBody
49      public String handler(@DateTimeFormat(pattern = "
   yyyy-MM-dd") @PathVariable("date") LocalDate date,
50                          @DateTimeFormat(pattern = "
   HH:mm:ss") @PathVariable("time") LocalTime time) {
51          return "URL parameters - <br>"
52                  + " date = " + date + " <br>"
53                  + " time = " + time;
54      }
55
56      @GetMapping("/request6/{country}/{city}")
57      @ResponseBody
58      public String handler(@PathVariable("country")
   String[] country, @PathVariable("city") List<String>
   city){
59          return "URL parameters - <br>"
60                  + " country = " + Arrays.asList(
```

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60 country) + " <br>"
61                     + " city = " + city;
62     }
63 }
64
```