

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

```
1 package org.example.thymeleaftour.controllers;
2
3 import org.springframework.stereotype.Controller;
4 import org.springframework.ui.Model;
5 import org.springframework.web.bind.annotation.
    GetMapping;
6
7 @Controller
8 public class HomeController{
9     @GetMapping("/showflowerList")
10     public String sendDataToHtml(Model model) {
11         String[] flowers = new String[] { "Rose", "
    Lily", "Tulip", "Carnation", "Hyacinth" };
12
13         String[] City = new String[] { "nyc", "nj", "
    dallas", "chicago", "philadelphia" };
14         model.addAttribute("flowersVariable", flowers
    );
15         model.addAttribute("CityVariable", City);
16         return "viewFlowers";
17     }
18 }
```

```
1 package org.example.thymeleaftour.controllers;
2
3 import java.util.ArrayList;
4 import java.util.List;
5
6 import org.springframework.stereotype.Controller;
7 import org.springframework.ui.Model;
8 import org.springframework.web.bind.annotation.
    GetMapping;
9 import org.springframework.web.bind.annotation.
    RequestMapping;
10
11 @Controller
12 @RequestMapping("/")
13 public class TemplateController{
14
15     @GetMapping("/ExampleTwo")
16     public String template(Model model) {
17         String message = "Top 5 Cloud Service
    Providers";
18         // creating a collection
19         List<String> list = new ArrayList<>();
20         list.add("Amazon Web Services");
21         list.add("Microsoft Azure");
22         list.add("Google Cloud");
23         list.add("Alibaba Cloud");
24         list.add("IBM Cloud");
25         model.addAttribute("message", message);
26         // adding the collection attribute
27         model.addAttribute("cloudProvider", list);
28         return "DemoPage";
29     }
30 }
31
32
```

1
2

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <title><!DOCTYPE html>
6         <html xmlns:th="http://www.thymeleaf.org">
7         <head>
8         <meta charset="UTF-8">
9         <title>Title</title>
10 </head>
11 <body>
12 <div id="one">
13     <h2 th:text="${message}">
14         <span>message will print here</span>
15     </h2>
16 </div >
17
18 <div id="two" th:each="providerList : ${cloudProvider
    }">
19     <ul>
20         <li th:each="item : ${providerList}">
21             <span th:text="${item}">items will print
22             here</span>
23         </li>
24     </ul>
25 </div>
26 <!--<div id="two" th:each="List:${cloudProvider}">-->
27 <!--     <ul>-->
28 <!--         <li th:each="item : ${List}">-->
29 <!--             <span th:text="${item}">items will
30             print here</span>-->
31 <!--         </li>-->
32 <!--     </ul>-->
33 <!--</div>-->
34 </body>
35 </html>
36 </title>
37 </head>
38 <body>

```

39 </html>

```
1 <!DOCTYPE html>
2 <html xmlns:th="http://www.thymeleaf.org">
3 <head>
4     <meta charset="UTF-8">
5     <title>Title</title>
6 </head>
7 <body>
8 <table style="border: 1px solid black">
9     <tr th:each="showflowers: ${flowersVariable}">
10         <td th:text="${showflowers}" />
11     </tr>
12 </table>
13
14 <table style="border: 1px solid black">
15     <tr th:each="showCity: ${CityVariable}">
16         <td th:text="${showCity}" />
17     </tr>
18 </table>
19 <!--<p th:each="variable:${collectionName}">-->
20 <!--     <span th:text=${variable}> items iterated
    will be placed here </span>-->
21 <!--</p>-->
22 <p th:each="variable : ${collectionName}">
23     <span th:text="${variable}">items iterated will
    be placed here</span>
24 </p>
25 </body>
26 </html>
27
28
```

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