

```
1 package com.myspring.pro29.ex01;
2
3 import java.util.ArrayList;
4 import java.util.HashMap;
5 import java.util.List;
6 import java.util.Map;
7
8 import org.slf4j.Logger;
9 import org.slf4j.LoggerFactory;
10 import org.springframework.http.HttpHeaders;
11 import org.springframework.http.HttpStatus;
12 import org.springframework.http.ResponseEntity;
13 import org.springframework.web.bind.annotation.PathVariable;
14 import org.springframework.web.bind.annotation.RequestBody;
15 import org.springframework.web.bind.annotation.RequestMapping;
16 import org.springframework.web.bind.annotation.RequestMethod;
17 import org.springframework.web.bind.annotation.RestController;
18
19 @RestController
20 @RequestMapping("/test/*")
21 public class TestController {
22     static Logger logger = LoggerFactory.getLogger(TestController
23
24     @RequestMapping("/hello")
25     public String hello() {
26         return "Hello REST!!";
27     }
28
29     @RequestMapping("/member")
30     public MemberVO member() {
31         MemberVO vo = new MemberVO();
32         vo.setId("hong");
33         vo.setPwd("1234");
34         vo.setName("홍길동");
35         vo.setEmail("hong@test.com");
36         return vo;
37     }
38
39     @RequestMapping("/membersList")
40     public List<MemberVO> listMembers () {
41         List<MemberVO> list = new ArrayList<MemberVO>();
```

```
42     for (int i = 0; i < 10; i++) {
43         MemberVO vo = new MemberVO();
44         vo.setId("hong"+i);
45         vo.setPwd("123"+i);
46         vo.setName("홍길동"+i);
47         vo.setEmail("hong"+i+"@test.com");
48         list.add(vo);
49     }
50     return list;
51 }
52
53 @RequestMapping("/membersMap")
54 public Map<Integer, MemberVO> membersMap() {
55     Map<Integer, MemberVO> map = new HashMap<Integer, MemberVO>
56     for (int i = 0; i < 10; i++) {
57         MemberVO vo = new MemberVO();
58         vo.setId("hong" + i);
59         vo.setPwd("123"+i);
60         vo.setName("홍길동" + i);
61         vo.setEmail("hong"+i+"@test.com");
62         map.put(i, vo);
63     }
64     return map;
65 }
66
67 @RequestMapping(value= "/notice/{num}" , method = RequestMethod
68 public int notice(@PathVariable("num") int num ) throws Excep
69     return num;
70 }
71
72 @RequestMapping(value= "/info", method = RequestMethod.POST)
73 public void modify(@RequestBody MemberVO vo ){
74     logger.info(vo.toString());
75 }
76
77 @RequestMapping("/membersList2")
78 public ResponseEntity<List<MemberVO>> listMembers2() {
79     List<MemberVO> list = new ArrayList<MemberVO>();
80     for (int i = 0; i < 10; i++) {
81         MemberVO vo = new MemberVO();
82         vo.setId("lee" + i);
```

```
83         vo.setPwd("123"+i);
84         vo.setName("이순신" + i);
85         vo.setEmail("lee"+i+"@test.com");
86         list.add(vo);
87     }
88     return new ResponseEntity(list,HttpStatus.INTERNAL_SERVER_E
89 }
90
91
92 @RequestMapping(value = "/res3")
93 public ResponseEntity res3() {
94     HttpHeaders responseHeaders = new HttpHeaders();
95     responseHeaders.add("Content-Type", "text/html; charset
96     String message = "<script>";
97     message += " alert('새 회원을 등록합니다.');"
98     message += " location.href='/pro29/test/membersList2';
99     message += " </script>";
100     return new ResponseEntity(message, responseHeaders, Ht
101 }
102
103 }
104
```