

```

1 /* Project: Take home assignment for Henry Schein
2 * Author: Linh Truong
3 * Date: 01/28/2020
4 */
5 package HenrySchein;
6 import java.util.Map;
14
15 @SpringBootApplication
16 @RestController
17 public class HelloSpringBootApplication {
18
19     String output = "";
20     public static void main(String[] args) {
21         SpringApplication.run(HelloSpringBootApplication.class, args);
22     }
23
24     @RequestMapping(
25         value = "/henry",
26         method = RequestMethod.POST)
27
28     public void process(@RequestBody String payload)
29     throws Exception {
30         System.out.println("=====INPUT DATA=====\\n");
31         System.out.println(payload);
32         CSVparsing(payload);
33     }
34
35     public void CSVparsing(String payload) {
36         // cut CSV down to each line
37         String[] lines = payload.split("\\n");
38
39         // Create output Data
40         // process data on each line
41         for (int i = 0; i < lines.length; i++){
42             //remove quotation mark
43             lines[i] = lines[i].replace("\"", "");
44             //remove new line carriage
45             lines[i] = lines[i].replace("\\n", "").replace("\\r", "");
46             //split each cell
47             String[] cells = lines[i].split(",");
48             //cover csv to new format data
49             if (i == 0)
50                 output += "[" + cells[0] + "]" + "[" + cells[1] + "]" + "[" + cells[2] + "]" + "[" +
51                 cells[3] + "]" + "[" + cells[4] + "]" + "\\n";
52             else
53                 output += "[" + cells[0] + "," + cells[1] + "]" + "[" + cells[2] + "]" + "[" +
54                 cells[3] + "]" + "[" + cells[4] + "]" + "[" + cells[5] + "," + cells[6] + "]" + "\\n";
55             }
56
57         // Print out final Output
58         System.out.println("=====OUTPUT DATA=====\\n");
59         System.out.println(output);
60     }
61 }

```

```

60 @RequestMapping(
61     value = "/henry",
62     method = RequestMethod.GET)
63 public String process()
64 throws Exception {
65     return output;
66 }
67 }
68

```