

```
1 package com.simplilearn.controller;
2
3 import java.util.List;
4 import java.util.Optional;
5 import org.springframework.beans.factory.annotation.Autowired;
6 import org.springframework.web.bind.annotation.CrossOrigin;
7 import org.springframework.web.bind.annotation.GetMapping;
8 import org.springframework.web.bind.annotation.PathVariable;
9 import org.springframework.web.bind.annotation.RequestBody;
10 import org.springframework.web.bind.annotation.RequestMapping;
11 import org.springframework.web.bind.annotation.RequestMethod;
12 import org.springframework.web.bind.annotation.RestController;
13 import com.simplilearn.domain.Food;
14 import com.simplilearn.service.FoodService;
15
16 @RestController
17 @CrossOrigin(origins = "http://localhost:4200")
18 public class FoodController {
19     @Autowired
20     private FoodService foodService;
21
22     @RequestMapping(path = "/listoffood")
23     public List<Food> findfood() {
24         List<Food> food = (List<Food>) foodService.findAll();
25         return food;
26     }
27
28     @RequestMapping(path = "/addfood", method = RequestMethod.POST)
29     public List<Food> save(@RequestBody Food food){
30
31         return foodService.save(food);
32     }
33 }
34
35 @RequestMapping(path = "/food/{foodid}", method = RequestMethod.DELETE)
36 public void deleteFood(@PathVariable("foodid") long foodid)
37 {
38     foodService.delete(foodid);
39 }
40 @RequestMapping(path = "/updatefoods", method = RequestMethod.PUT)
41
42 public Food update(@RequestBody Food food)
43 {
44     foodService.update(food, food.getId());
45     return food;
46 }
47 @GetMapping("/food/{foodid}")
48 public Optional<Food> getfoodbyid(@PathVariable("foodid") long foodid)
49 {
50     return foodService.getfoodById(foodid);
51 }
52
53
54 }
55
```