

## Induction

As soon as the filing season begins, salaried class are in a about taxes they must shell out for the said financial year. It is important to understand your tax slab and what each of your salary breakup components means. This can help you figure out how to save on taxes. If you want to understand your salary components or want to learn how you can save tax on your salary income, this guide is for you.

This is a fixed component in your paycheck and forms the basis of other portions of your salary, hence the name. For instance, HRA is defined as a percentage (as per the company's discretion) of this basic salary. Your PF is deducted at 12% of your basic salary. It is usually a large portion of your total salary.

## Introduction to SPRING BOOT

Spring Boot provides basic and advanced concepts of Spring Framework. Our Spring Boot is designed for beginners and professionals both.

Spring Boot is a spring module that provides the RAD (Rapid Application Development) feature to the spring framework. Our Spring Boot includes all topics of Spring Boot such, as features, project, maven project, starter project wizard, Spring Initializer, CLI, applications, annotations, dependency management, properties, starters, Actuator, JPA, JDBC, etc.

## **1. PostMapping:**

POST method is used to handle post type request methods. In this project to add tax details we use post method to save tax details in database.

## **2. GetMapping:**

GET method is used to handle get type request methods. to get all tax and a specific tax by id we can use get method to access from database.

## **3. DeleteMapping:**

we would delete the particular order from the database to delete a particular tax we can use delete mapping method.

## **4. PutMapping:**

PUT method is used to modify/update a resources. to update a tax details we use put method to change the details of a tax from database.

## Software requirements

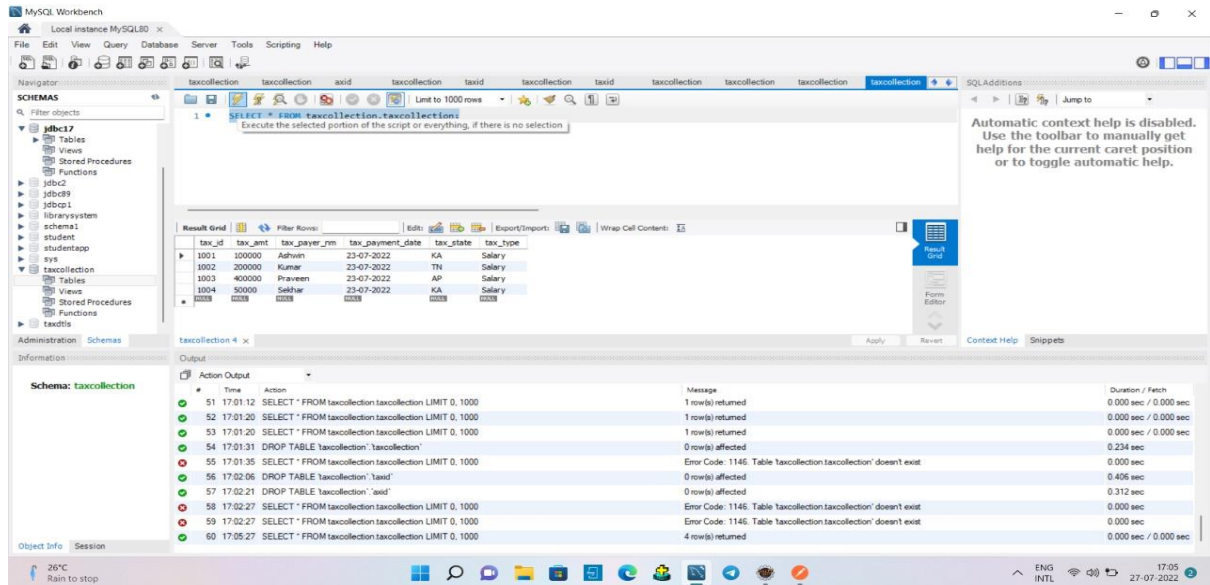
**Programming language:** Java.

**Database:** MySql.

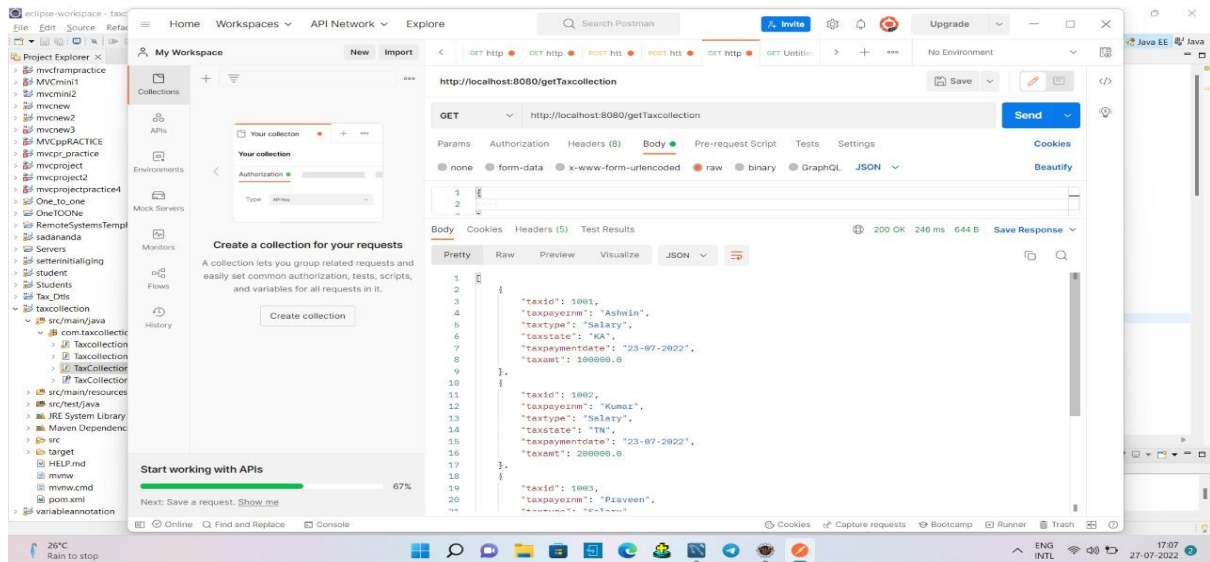
**Tools:** postman, Spring tool suit

# Screenshots

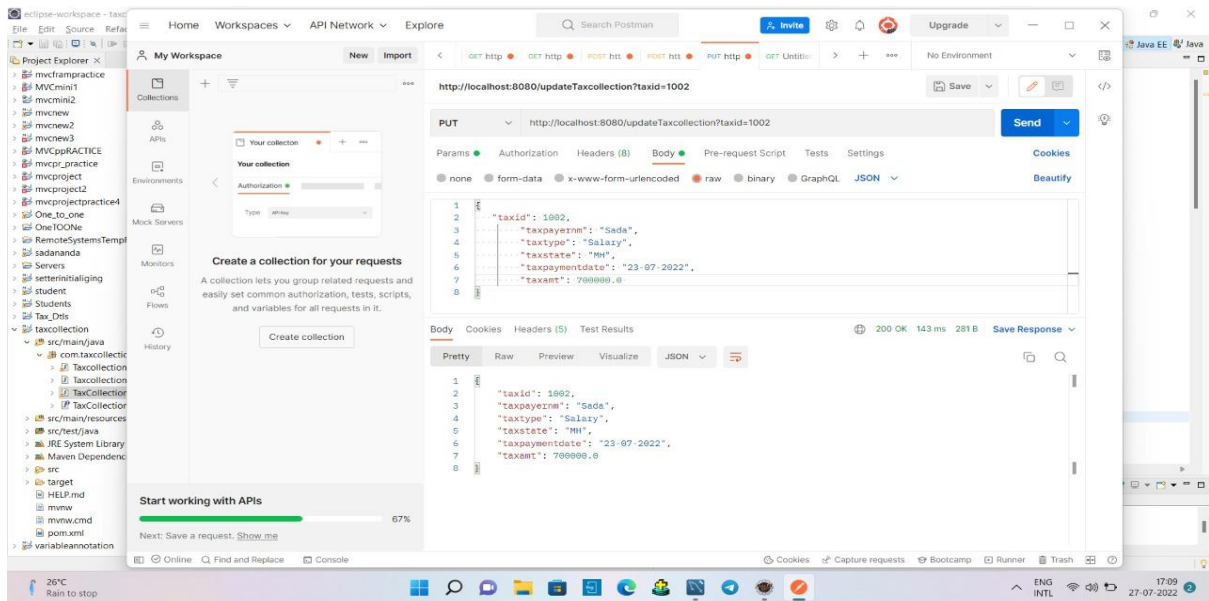
## Database:



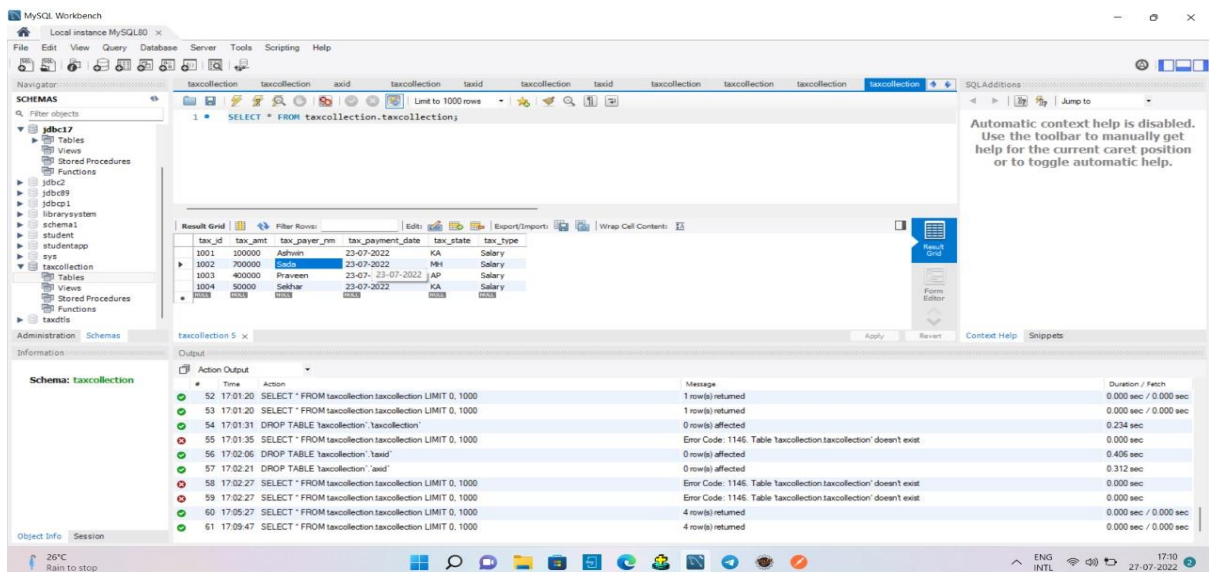
## GettaxCollection:



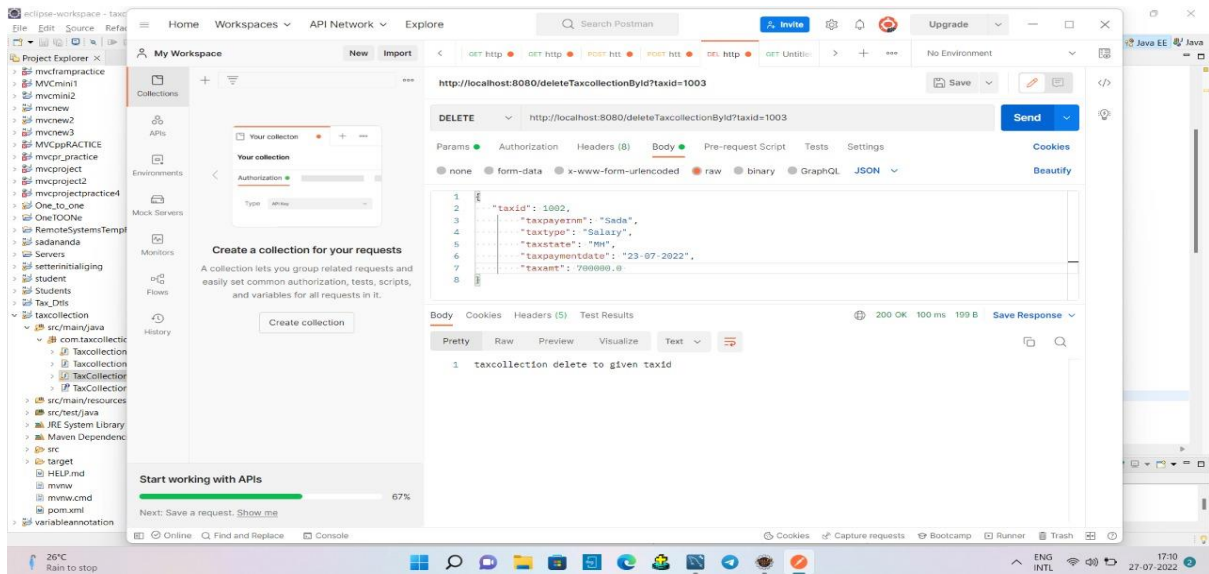
### Update taxCollection:



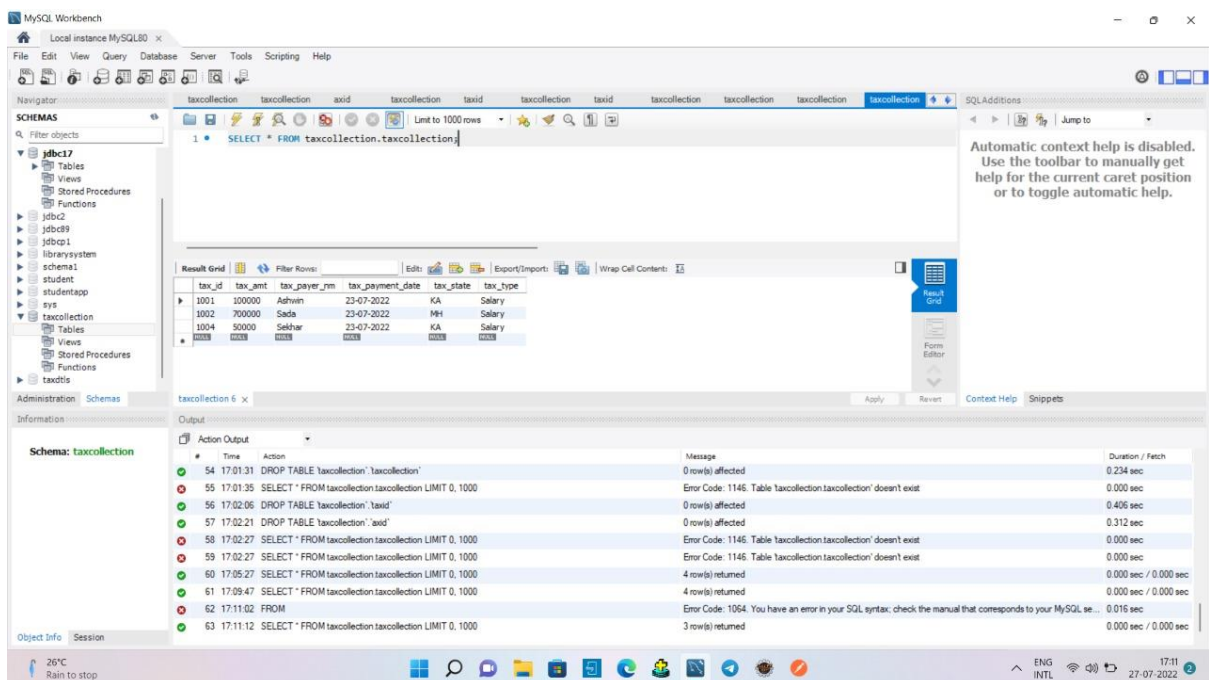
### Update database:



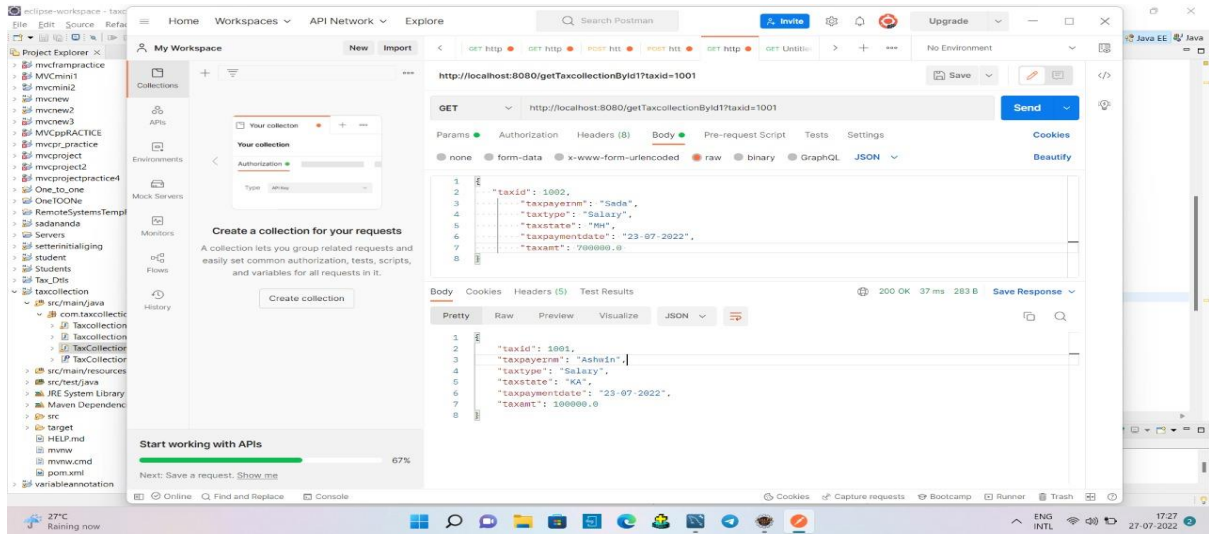
## Delete taxCollection:



## Database deleted :

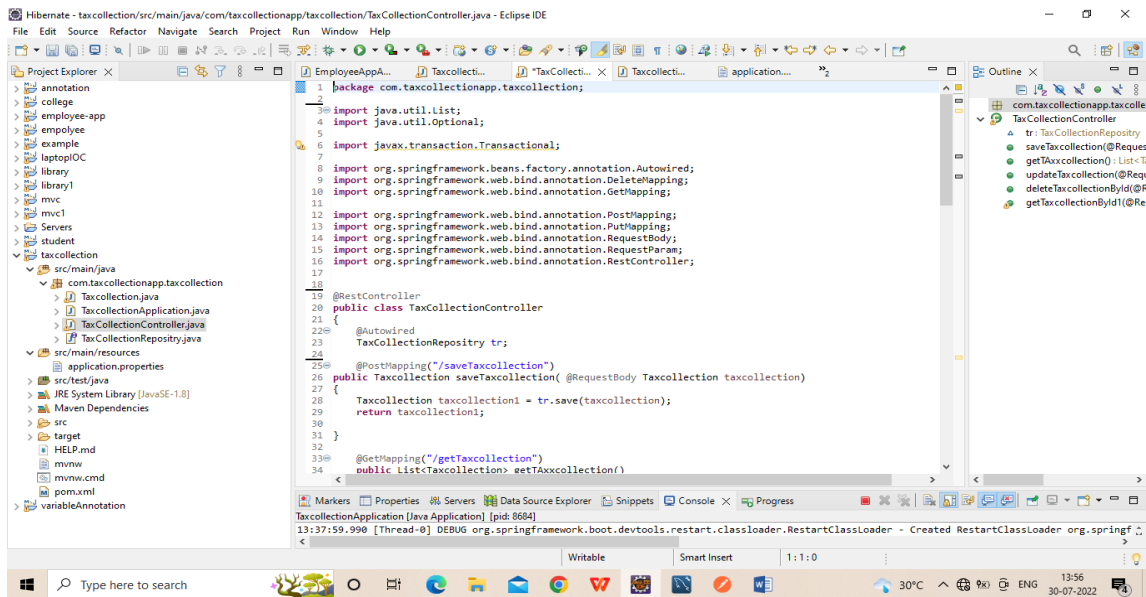


## GetById taxCollection:

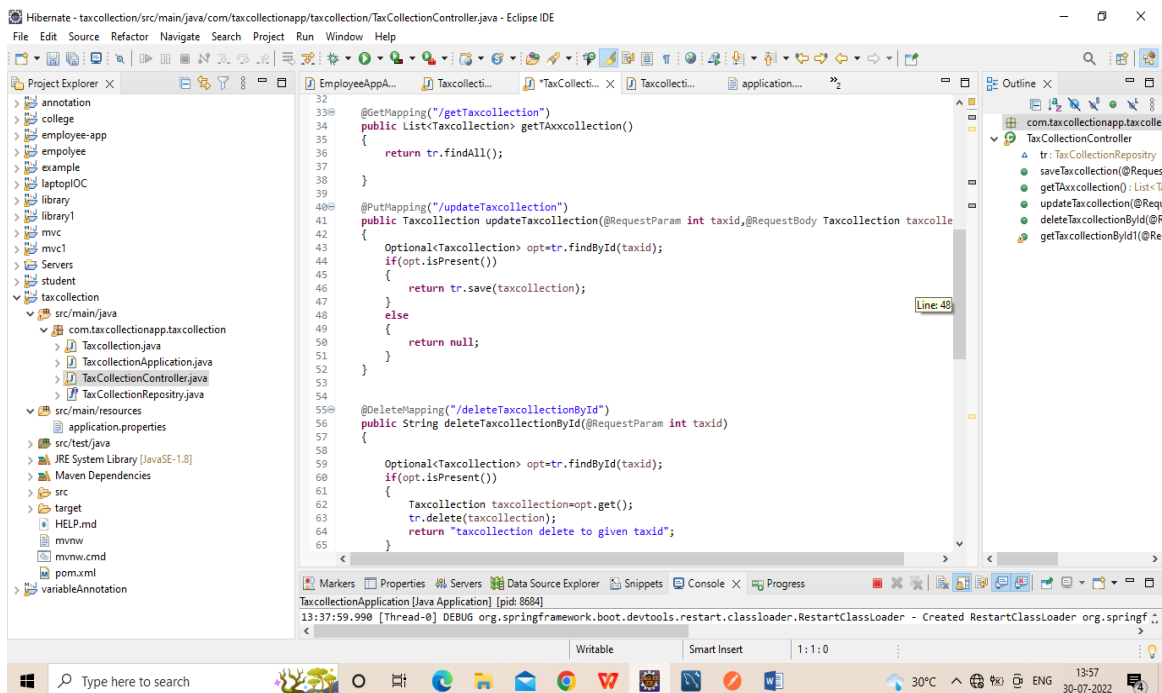




## Code :



```
1 package com.taxcollectionapp.taxcollection;
2
3 import java.util.List;
4 import java.util.Optional;
5
6 import javax.transaction.Transactional;
7
8 import org.springframework.beans.factory.annotation.Autowired;
9 import org.springframework.web.bind.annotation.DeleteMapping;
10 import org.springframework.web.bind.annotation.GetMapping;
11
12 import org.springframework.web.bind.annotation.PostMapping;
13 import org.springframework.web.bind.annotation.PutMapping;
14 import org.springframework.web.bind.annotation.RequestBody;
15 import org.springframework.web.bind.annotation.RequestMapping;
16 import org.springframework.web.bind.annotation.RestController;
17
18
19 @RestController
20 public class TaxCollectionController
21 {
22     @Autowired
23     TaxCollectionRepository tr;
24
25     @PostMapping("/saveTaxcollection")
26     public Taxcollection saveTaxcollection(@RequestBody Taxcollection taxcollection)
27     {
28         Taxcollection taxcollection1 = tr.save(taxcollection);
29         return taxcollection1;
30     }
31
32     @GetMapping("/getTaxcollection")
33     public List<Taxcollection> getTaxcollection()
34     {
35         // ...
36     }
37
38     @DeleteMapping("/deleteTaxcollectionById")
39     public String deleteTaxcollectionById(@RequestParam int taxid)
40     {
41         // ...
42     }
43 }
```



```
32
33 @GetMapping("/getTaxcollection")
34 public List<Taxcollection> getTaxcollection()
35 {
36     return tr.findAll();
37 }
38
39
40 @PutMapping("/updateTaxcollection")
41 public Taxcollection updateTaxcollection(@RequestParam int taxid, @RequestBody Taxcollection taxcollection)
42 {
43     Optional<Taxcollection> opt = tr.findById(taxid);
44     if (opt.isPresent())
45     {
46         return tr.save(taxcollection);
47     }
48     else
49     {
50         return null;
51     }
52 }
53
54
55 @DeleteMapping("/deleteTaxcollectionById")
56 public String deleteTaxcollectionById(@RequestParam int taxid)
57 {
58     Optional<Taxcollection> opt = tr.findById(taxid);
59     if (opt.isPresent())
60     {
61         Taxcollection taxcollection = opt.get();
62         tr.delete(taxcollection);
63         return "taxcollection delete to given taxid";
64     }
65 }
```



