

# Implement REST DELETE Service

## StudentController.java

```
package com.spring.restful.springrestfull.controller;

import java.util.HashMap;

import java.util.Map;

import org.springframework.http.HttpStatus;

import org.springframework.http.ResponseEntity;

import org.springframework.web.bind.annotation.PathVariable;

import org.springframework.web.bind.annotation.RequestBody;

import org.springframework.web.bind.annotation.RequestMapping;

import org.springframework.web.bind.annotation.RequestMethod;

import org.springframework.web.bind.annotation.RestController;

import com.spring.restful.springrestfull.model.Student;

@RestController

public class StudentController {

    private static Map<String ,Student>studentRecord=new HashMap<>();

    static {

        Student s1=new Student();

        s1.setld("8001");

        s1.setName("Disha");

        studentRecord.put(s1.getld(),s1);

        Student s2=new Student();

        s2.setld("8002");

        s2.setName("Hey shreya!!");
```

```

        studentRecord.put(s2.getId(),s2);

        Student s3=new Student();

        s3.setId("8003");

        s3.setName("Sayan");

        studentRecord.put(s3.getId(), s3);

    }

    @RequestMapping(value="/student")

    public ResponseEntity<Object>getStudent(){

        return new ResponseEntity<>(studentRecord.values(),HttpStatus.OK);

    }

    @RequestMapping(value="/student",method=RequestMethod.POST)

    public ResponseEntity<Object> createStudent(@RequestBody Student student)

    {

        studentRecord.put(student.getId(), student);

        System.out.println(studentRecord.values());

        return new ResponseEntity<>("Student Record created
successfully",HttpStatus.CREATED);

    }

    @RequestMapping(value="/student/{id}",method=RequestMethod.DELETE)

    public ResponseEntity<Object> deleteRecord(@PathVariable("id") String id){

        studentRecord.remove(id);

        return new ResponseEntity<>(studentRecord.values(),
HttpStatus.OK);

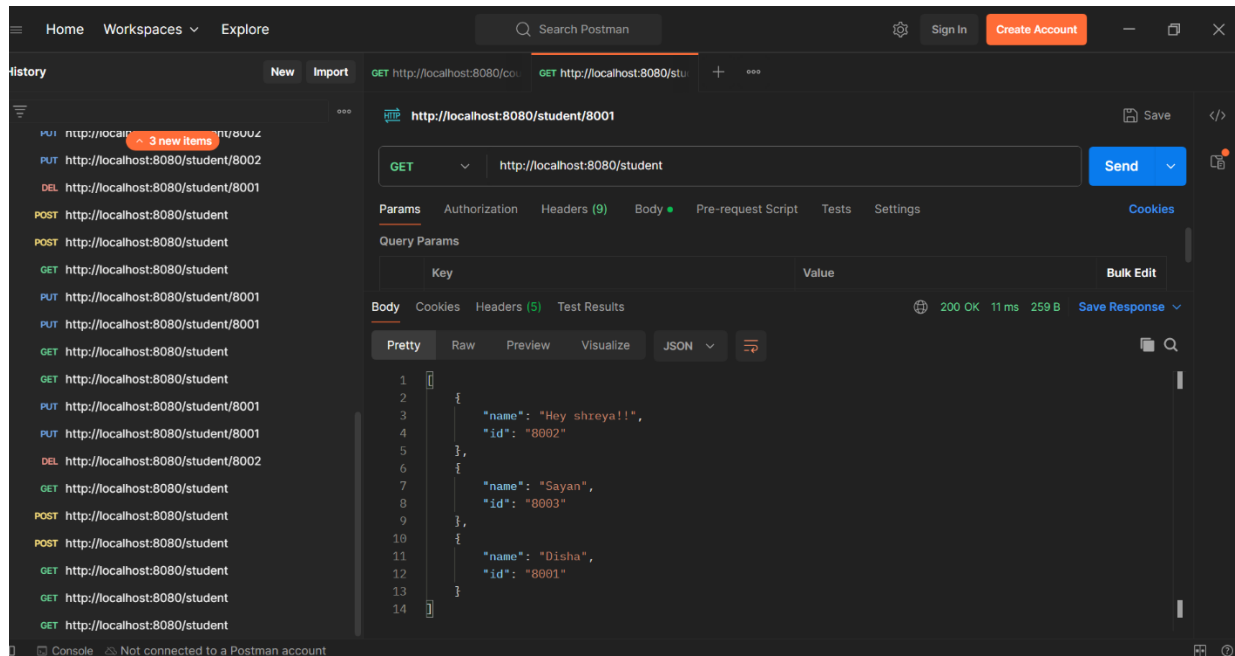
    }

    @RequestMapping(value="/student/{id}",method=RequestMethod.PUT)

```

```
public ResponseEntity<Object> updateStudent(@PathVariable("id") String id,
@RequestBody Student student){
    studentRecord.remove(id);
    student.setId(id);
    studentRecord.put(id, student);
    return new
ResponseEntity<>(studentRecord.values(),HttpStatus.OK);
}
}
```

## Output: Get



## Delete:

