Java Full Stack Development

Skilling-8

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Name: K. Sravani

Spring Boot with Rest API

Pom.xml

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                                                                                                                                                                                 <groupId>org.springframework.boot</groupId>
  26
                                                                                                                                                                                  <artifactId>spring-boot-starter-web-services</artifactId>
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                                                                                                                                                                         </dependency>
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                                                                                                                                                                         «dependency»
                                                                                                                                               30
                                                                                                                                                                            <groupId>org.springframework.boot</groupId>
                                                                                                                                               31
                                                                                                                                                                                   <artifactId>spring-boot-starter-test</artifactId>
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> ② AddEmployeeController_java

③ DeleteEmployeeController_java

③ EmployeeQparations_java

③ EmployeeQparations_java

② EmployeeQheations_java

② EmployeeController_java

② UpdateEmployeeController_java

> ③ WeekEmployeeController_java

> ③ WeekEmployeeController_java

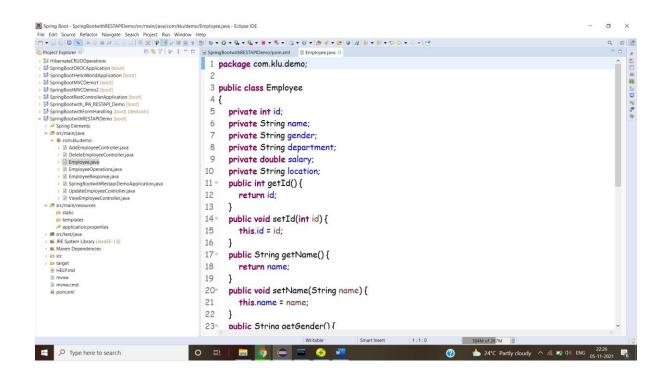
> ⑤ Septimalin_esources

static

> templates

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                                                                                                                                                36° <build>
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                                                                                                                                                                           <plugins>
                                                                                                                                                38
                                                                                                                                                                                    <plugin>
                                                                                                                                                39
                                                                                                                                                                                           <groupId>org.springframework.boot</groupId>
              JRE System Library [JavaSE-1.8]
                                                                                                                                                                                           <artifactId>spring-boot-maven-plugin</artifactId>
                                                                                                                                                40
             Maven Dependencies
                                                                                                                                                41
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Employee.java



EmployeeResponse.java

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Spring Boot - SpringBootwithRESTAPIDemo/src/main/java/com/du/demo/EmployeeResponse.java - Eclipse IDE
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   The state of the s
                                                                                                                                                                                                                                                          1 package com.klu.demo;
                                                                                                                                                                                                                                                                       2
3 public class EmployeeResponse
                                                                                                                                                                                                                                                                          4 {
5
                                                                                                                                                                                                                                                                                                                 private int id;
                                                                                                                                                                                                                                                                                                               private String name;
                                                                                                                                                                                                                                                                                                             private String gender;

    Combiudemo
    AddemployeeController.java
    DeleteEmployeeController.java
    Employee.java
    Employee.java
    EmployeeSperations.java
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    DemployeeSperations.java
    DemployeeController.java
    WreeEmployeeController.java
    WreeEmployeeController.java
                                                                                                                                                                                                                                                                            8 private String department;
                                                                                                                                                                                                                                                                                9 private double salary;
                                                                                                                                                                                                                                                                               10 private String location;
                                                                                                                                                                                                                                                                             11 private String status;
                                                                                                                                                                                                                                                                               12 public int getId() {

    Serc/main/resources
    static
    templates
    application.properties
                                                                                                                                                                                                                                                                             13
                                                                                                                                                                                                                                                                                                                            return id;
                                                                                                                                                                                                                                                                               14 }
                                                                                                                                                                                                                                                                               15° public void setId(int id) {

■ src/test/java

⇒ src/test/java

⇒ JRE System Library [JavaSE-1.8]

⇒ Maven Dependencies
                                                                                                                                                                                                                                                                               16
                                                                                                                                                                                                                                                                                                                             this.id = id;
                                                                                                                                                                                                                                                                                17 }
                                                                                                                                                                                                                                                                                18 public String getName() {
                                                                                                                                                                                                                                                                                19
                                                                                                                                                                                                                                                                                                                                 return name:
                                                                                                                                                                                                                                                                                20 }
                                                                                                                                                                                                                                                                                21 public void setName(String name) {
                                                                                                                                                                                                                                                                                22
                                                                                                                                                                                                                                                                                23
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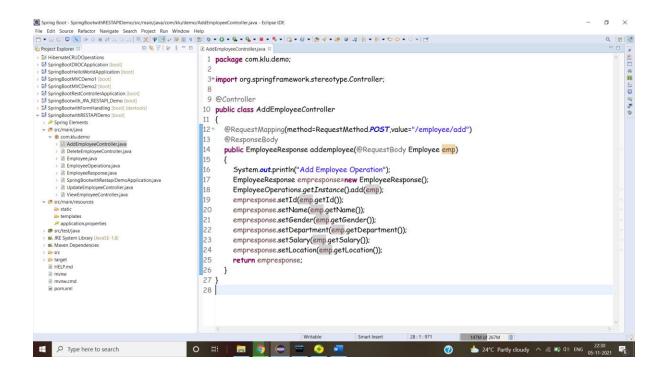
EmployeeOperations.java

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Spring Boot - SpringBootwithRESTAPIDemo/src/main/java/com/klu/demo/EmployeeOperations.java - Eclipse IDE
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# D Employee java D EmployeeResponse java D EmployeeOperat

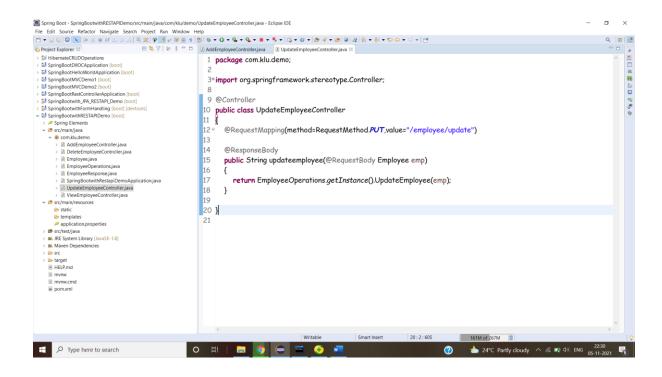
6 private List<Employee> employeerecords;
   9= private EmployeeOperations()
10 {
         employeerecords=new ArrayList<Employee>();
           // getInstance() method will return the current instance in the class
           public static EmployeeOperations getInstance()
            if(empid==null)
             empid=new EmployeeOperations();
    21
             return empid;
           public void add(Employee emp) // add employee
            employeerecords.add(emp);
           public String UpdateEmployee(Employee emp) // update employee
            for(int i=0;i<employeerecords.size();i++)
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   # D Employee.java D EmployeeResponse.java D EmployeeOperation
29 employeerecords.add(emp);
                                         public String UpdateEmployee(Employee emp) // update employee
                                              for(int i=0;i<employeerecords.size();i++)
                                                 Employee emp1=employeerecords.get(i);
                                                 if(emp.getId()==emp1.getId())
                                                      employeerecords.set(i,emp); // update the employee record
                 40
41
                 42
                                             return "Update-fail";
                 44
                 46
                                          {\color{red}\textbf{public}} \ \textbf{String DeleteEmployee(int empid)} \ // \ \textbf{delete employee}
                                              for(int i=0;i<employeerecords.size();i++)
                                                Employee emp=employeerecords.get(i);
                 51
                                                 if(empid==emp.getId())
                 53
                                                       employeerecords.remove(i); //It will delete the employee record
                 54
55
                                             return "Delete-fail";
                 58
                                                                                                                                                                                                                                                                                                                                    Smart Insert 10:8:247 209M of 267M
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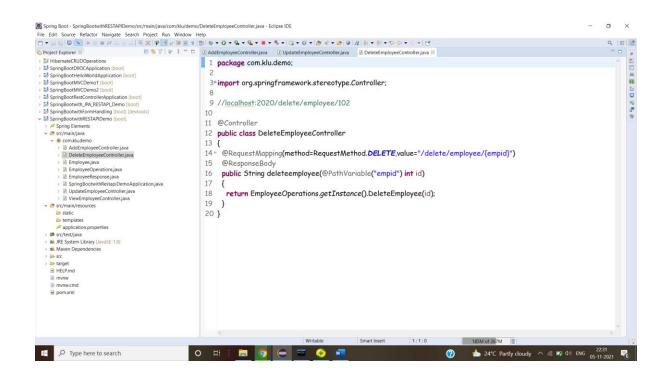
AddEmployeeController.java



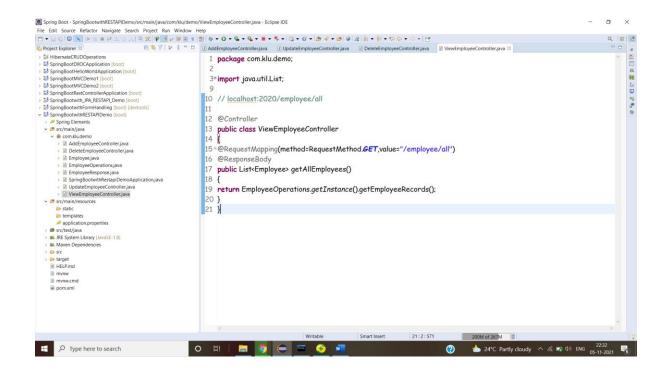
UpdateEmployeeController.java



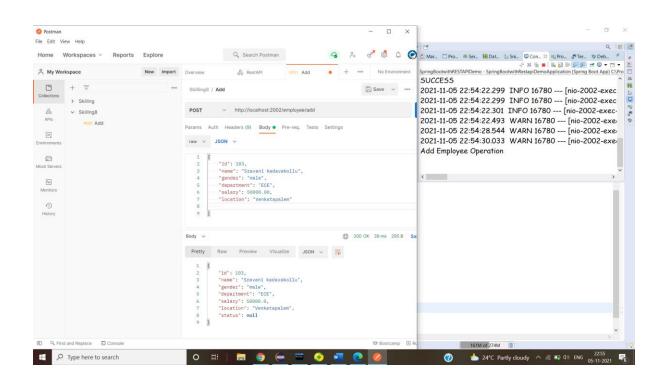
DeleteEmployeeController.java



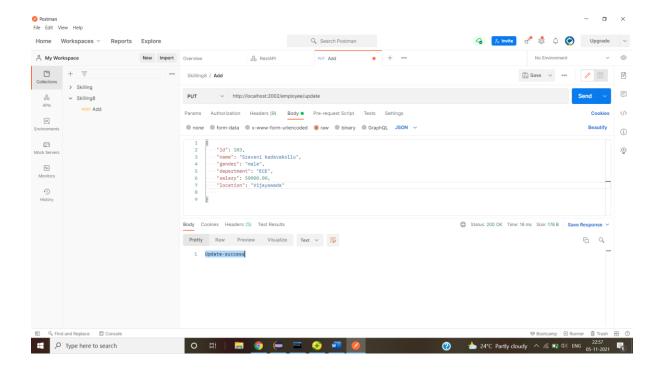
ViewEmployeController.java



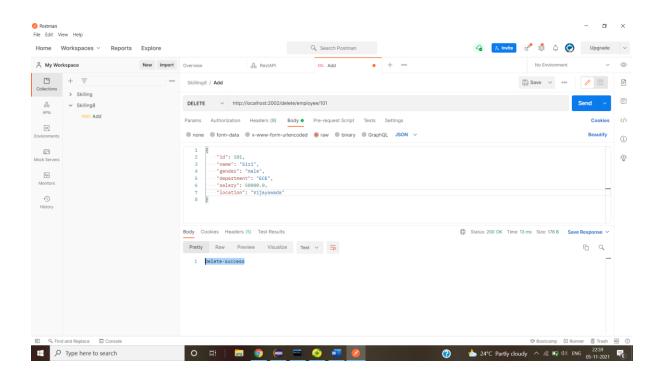
Add employee:



Update Employee:



Delete Employee:



View Employee:

