**\*\*\*\*\* With DataBase CRUD SpringBoot \*\*\*\*\*\***

**@RestController**

**public class StudentController {**

**ArrayList<Student> al = new ArrayList<>();**

**@Autowired**

**SessionFactory sf;**

**Student stud;**

**@RequestMapping("Multiple Record ShowStudent List")**

**public List multipleRecord() {**

**Session ss = sf.openSession();**

**Criteria criteria = ss.~~createCriteria~~(Student.class);**

**List<Student> StudentList = criteria.list();**

**System.*out*.println(StudentList);**

**return StudentList;**

**}**

**@GetMapping("One Record ShowStudent List/{id}")**

**public Student getStudent(@PathVariable int id) {**

**Session ss = sf.openSession();**

**stud = ss.load(Student.class, id);**

**System.*out*.println(stud);**

**Student student = stud;**

**for (Student ss1 : al) {**

**if (ss1.id == id) {**

**student = ss1;**

**}**

**}**

**System.*out*.println("One Record Show Successfully Done... " + student);**

**return student;**

**}**

**@PostMapping("insertStudent")**

**Student addStudent(@RequestBody Student student) {**

**Session ss = sf.openSession();**

**Transaction tx = ss.beginTransaction();**

**ss.save(student);**

**System.*out*.println("Record Inserted Successfully Done... " + student);**

**tx.commit();**

**return student;**

**}**

**@PostMapping("multipleInsertRecord")**

**public List<Employee> multipleinsert(@RequestBody List<Employee> list) {**

**for (Employee employee2 : list) {**

**Session ss=sf.openSession();**

**Transaction tt=ss.beginTransaction();**

**ss.save(employee2);**

**tt.commit();**

**}**

**return list;**

**}**

**@PutMapping("updateStudent")**

**Student updateStudent(@RequestBody Student student) {**

**Session ss = sf.openSession();**

**Transaction tx = ss.beginTransaction();**

**ss.update(student);**

**System.*out*.println("Record Updated Successfully Done... " + student);**

**tx.commit();**

**return student;**

**}**

**@PutMapping("multipleupdateRecord")**

**public List<Employee> multipleupdate(@RequestBody List<Employee> list) {**

**for (Employee employee2 : list) {**

**Session ss=sf.openSession();**

**Transaction tt=ss.beginTransaction();**

**ss.update(employee2);**

**tt.commit();**

**}**

**return list;**

**}**

**@DeleteMapping("deleteStudent/{id}")**

**public int deleteStudent(@PathVariable int id) {**

**Session ss = sf.openSession();**

**Transaction tx = ss.beginTransaction();**

**stud = ss.load(Student.class, id);**

**System.*out*.println(stud);**

**ss.delete(stud);**

**System.*out*.println("Record Deleted Successfully Done... " + id);**

**tx.commit();**

**return id;**

**}**

**}**

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