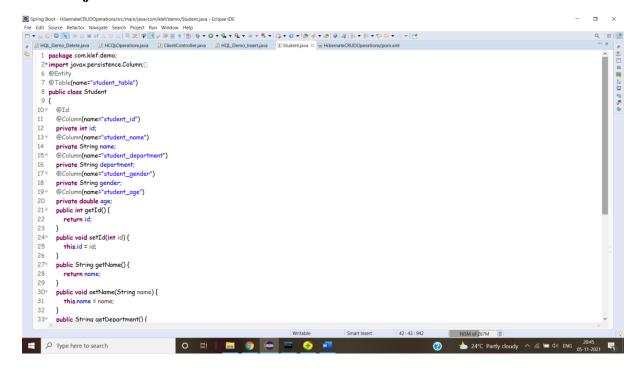
Java Full Stack Development

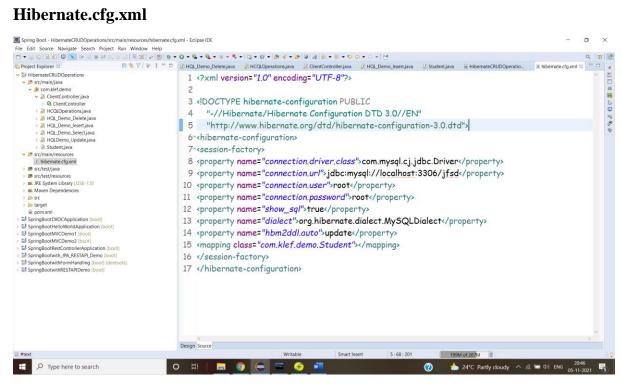
Skilling-6

Name: K. Sravani ID NO: 190030677

Hibernate CRUD Operations with Maven

Student.java





Insert Operation:

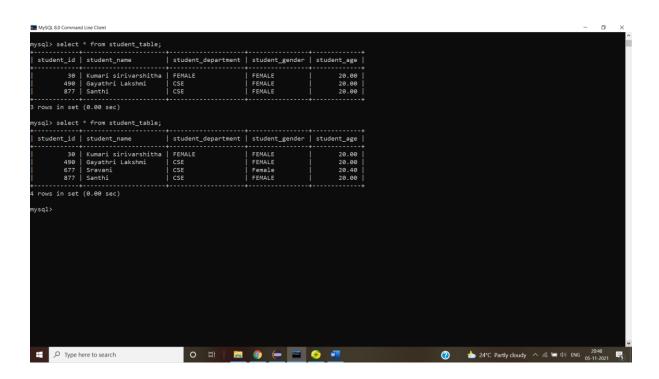
```
Spring Boot - HibernateCRUDOperations/src/main/java/com/det/demo/ClientController.java - Eclipse IDE

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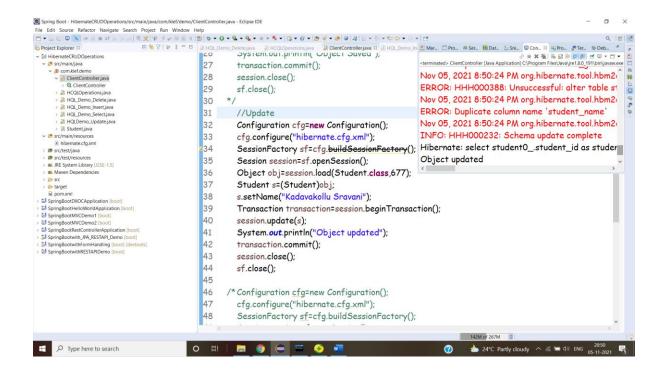
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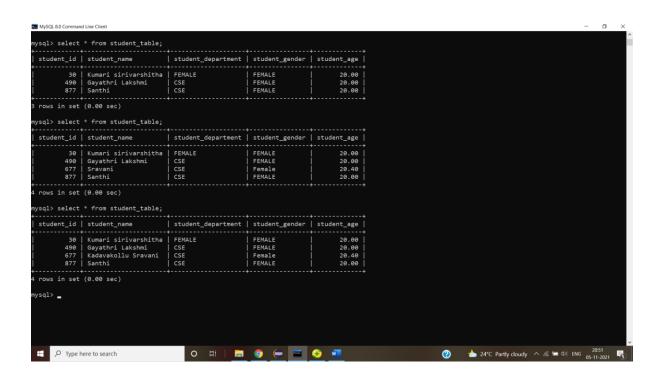
→ 

HibernateCRUDOperations
    8 public class ClientController
                                                                                                                        9 {
                                                                                                                    10 -
                                                                                                                                      public static void main(String args[])
                                                                                                                    11
                                                                                                                                                                                                                                                                                        Duplicate column name 'student_name'
                                                                                                                    12
                                                                                                                                                                                                                                                                                        2021 8:47:58 PM org.hibernate.tool.hbm2ddl.5
                                                                                                                                             Configuration cfg=new Configuration();
                                                                                                                    13
                                                                                                                                             cfg.configure("hibernate.cfg.xml");
                                                                                                                                                                                                                                                                                        HH000232: Schema update complete
                                                                                                                    14
                                                                                                                                             SessionFactory sf=cfg.buildSessionFactory();
                                                                                                                                                                                                                                                                                        saved
                                                                                                                     15
                                                                                                                                             Session session=sf.openSession();
                                                                                                                                                                                                                                                                                         e: insert into student_table (student_age, st
                                                                                                                     16
                                                                                                                                             Student s=new Student();
                                                                                                                      17
                                                                                                                                             //Insert
                                                                                                                     18
                                                                                                                                             s.setId(677);
                                                                                                                     19
                                                                                                                                             s.setName("Sravani");
                                                                                                                     20
                                                                                                                                             s.setDepartment("CSE");
                                                                                                                                             s.setGender("Female");
                                                                                                                      22
                                                                                                                                             s.setAge(20.4);
                                                                                                                     23
                                                                                                                                             Transaction transaction=session.beginTransaction();
      SpringBootwithRESTAPIDemo [boot]
                                                                                                                     24
                                                                                                                                             session.save(s);
                                                                                                                      25
                                                                                                                                             System.out.println("Object Saved");
                                                                                                                      26
                                                                                                                                             transaction.commit();
                                                                                                                      27
                                                                                                                                             session.close();
                                                                                                                      28
                                                                                                                                             sf.close();
                                                                                                                     29
 Type here to search
```

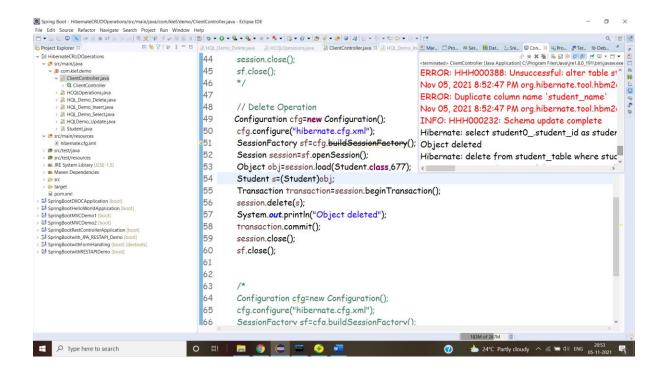


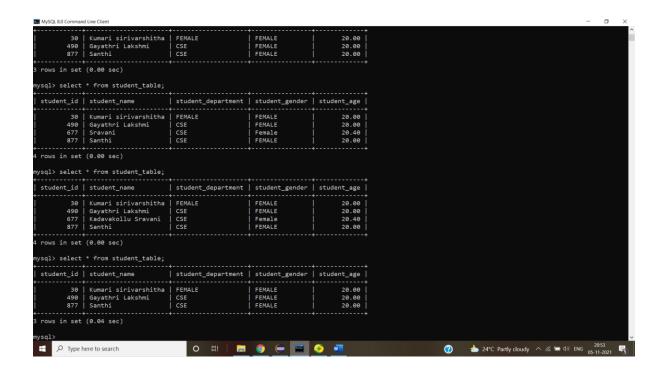
Update Operation





Delete Operation





View Operation

```
© Project Explorer 

✓ 

HibernateCRUDOperations
                                                                                                                                                                                                                                                                                                                              ② ClientControllerjava □ ② HOL Demo Int ② Mar. □ Pro. ■ Ser. ■ Dat. □ Seri. □ Con. □ □ Pro. □ Fler. □ Deb. □ □ Tro. □ Con. □ □ Pro. □ 
                                                                                                                                                                                          57
                                                                                                                                                                                                                                  session.delete(s);
        System.out.println("Object deleted");
                                                                                                                                                                                            58
                                                                                                                                                                                                                                                                                                                                                                                                                                                INFO: HHH000232: Schema update complete
                                                                                                                                                                                             59
                                                                                                                                                                                                                                   transaction.commit();
                                                                                                                                                                                                                                                                                                                                                                                                                                                Hibernate: select student0_.student_id as studer
                                                                                                                                                                                                                                   session.close();
                                                                                                                                                                                            60
                                                                                                                                                                                            61
                                                                                                                                                                                                                                  sf.close();
                                                                                                                                                                                                                                                                                                                                                                                                                                                Gayathri Lakshmi
                                                                                                                                                                                            62
                                                                                                                                                                                                                                                                                                                                                                                                                                                Object Displayed
                                                                                                                                                                                            63
                                                                                                                                                                                                                                                                                                                                                                                                                                                Nov 05, 2021 8:54:20 PM org.hibernate.service.jdl
                                                                                                                                                                                             64
                                                                                                                                                                                                                                   //View Operation
                                                                                                                                                                                                                                                                                                                                                                                                                                                INFO: HHH000030: Cleaning up connection pool [j
             ii hibernate.cfg.xml of stricts/java of src/test/java of src/test/java of src/test/resources iii JRE System Library [J25E-1.5] of Maven Dependencies of src of test of src of stricts of src o
                                                                                                                                                                                             65
                                                                                                                                                                                                                                   Configuration cfg=new Configuration();
                                                                                                                                                                                             66
                                                                                                                                                                                                                                   cfg.configure("hibernate.cfg.xml");
                                                                                                                                                                                            67
                                                                                                                                                                                                                                   SessionFactory sf=cfg.buildSessionFactory();
                                                                                                                                                                                             68
                                                                                                                                                                                                                                   Session session=sf.openSession();
                                                                                                                                                                                             69
                                                                                                                                                                                                                                  Object obj=session.load(Student.class,new Integer(490)); //get instead of load()
                                                                                                                                                                                             70
                                                                                                                                                                                                                                   Student s=(Student)obj;
                                                                                                                                                                                                                                   System.out.println(s.getId());
                                                                                                                                                                                             72
                                                                                                                                                                                                                                   System.out.println(s.getName());
        SpringBootwith JPA RESTAPI Demo (boot)
                                                                                                                                                                                             73
                                                                                                                                                                                                                                   System.out.println("Object Displayed");
        SpringBootwithRESTAPIDemo [boot]
                                                                                                                                                                                             74
                                                                                                                                                                                                                                   session.close();
                                                                                                                                                                                            75
                                                                                                                                                                                                                                   sf.close();
                                                                                                                                                                                             76
                                                                                                                                                                                                                     }
                                                                                                                                                                                            78 }
                                                                                                                                                                                             79
```

