

ADDING A NEW PRODUCT IN DATABASE

```
package com.hari.training;
import javax.persistence.Column;
import javax.persistence.GeneratedValue;
import javax.persistence.GenerationType;
import javax.persistence.Id;
import javax.persistence.Table;
@Entity
@Table(name = "students")
public class students {
    public String getname() {
        return getname();
    }
    public void setname(String name ) {
        this.name = name;
    }
    public int gets_id() {
        return s_id;
    }
    public void sets_id(int s_id) {
        this.s_id = s_id;
    }
    public String gets_course() {
        return s_course;
    }
    public void sets_course(String s_course) {
        this.s_course = s_course;
    }
    public int getc_id() {
        return c_id;
    }
    public void setc_id(int c_id) {
        this.c_id = c_id;
    }
    @Id
    @Column(name="c_id")
    int c_id;
    @Column(name = "s_course")
    String s_course;
    @Column(name = "s_id")
    int s_id;
    @Column(name="name")
    // @GeneratedValue(strategy = GenerationType.IDENTITY)
    String name;
    public students() {
        // TODO Auto-generated constructor stub
    }

    @Override
    public String toString() {
        return "Learner [learnerId=" + name + ", learnerName=" + s_id + ",
        learnerDomain=" + s_course+",courseid="+c_id
        + "];";
    }
}
```

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    }

    public students(String name,int s_id, String s_course,int c_id) {

        this.name = name;
        this.s_id=s_id;
        this.s_course=s_course;
        this.c_id=c_id;
//        this.learnerDomain = learnerDomain;
    }

}

package com.hari.training;
import java.util.List;
import org.hibernate.Session;
import org.hibernate.SessionFactory;
import org.hibernate.cfg.Configuration;
public class App
{
    public static void main( String[] args )
    {
//        Get the SessionFactory
        SessionFactory factory = new Configuration()
                                .configure("hibernate.cfg.xml")

                                .addAnnotatedClass(students.class)

                                .buildSessionFactory();

//        Get the Session
        Session theSession = factory.getCurrentSession();

        try {
//        Add a new learner
            students theLearner = new students("m.anil",109,"devops",1105);

//        Start the transaction
            theSession.beginTransaction();

//        Save the learner
            theSession.save(theLearner);

//        Commit the transaction
            theSession.getTransaction().commit();
            System.out.println("new students sucessfully inserted ");
            System.out.println("Learner id : " + theLearner.name);

//        Learner learner = theSession.get(Learner.class, 2);
//
//        System.out.println("Learner details by id : " + learner);

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    }finally {  
        factory.close();  
    }  
}}
```