

## ADDING A NEW PRODUCT IN DATABASE

```
package com.emp.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
        + "]";
}

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;
}

}

```

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```

package com.emp.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);

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

```