student.java

**import** [javax.persistence.Id](http://javax.persistence.id/);

**import** javax.persistence.Column;

**import** javax.persistence.Entity;

**import** javax.persistence.Table;

@Entity

@Table(name="t1")

**public** **class** student {

@Id

@Column(name="id")

**private** **int** id;

@Column(name="name")

**private** String sname;

@Column(name = "sem")

**private** **int** sem;

**public** **int** getId() {

**return** id;

}

**public** **void** setId(**int** id) {

**this**.id = id;

}

**public** String getSname() {

**return** sname;

}

**public** **void** setSname(String sname) {

**this**.sname = sname;

}

**public** **int** getSem() {

**return** sem;

}

**public** **void** setSem(**int** sem) {

**this**.sem = sem;

}

}

app.java

**import** java.util.Scanner;

**import** org.hibernate.Session;

**import** org.hibernate.SessionFactory;

**import** org.hibernate.Transaction;

**import** org.hibernate.cfg.Configuration;

**public** **class** App {

**public** **static** **void** main(String[] args) {

Configuration con = **new** Configuration().configure().addAnnotatedClass(student.**class**);

SessionFactory sf = con.buildSessionFactory();

Scanner scan = **new** Scanner(System.***in***);

student obj = **new** student();

**while** (**true**) {

System.***out***.println("Enter 1 for Insertion, 2 for Deletion, and 3 to Exit");

**int** choice = Integer.*parseInt*(scan.next());

**if** (choice == 1) {

Session s = sf.openSession();

Transaction tx = s.beginTransaction();

System.***out***.println("Enter the StudentID, StudentName, and Sem (e.g., 1 shreya 2):");

**int** studentId = Integer.*parseInt*(scan.next());

String studentName = scan.next();

**int** sem = Integer.*parseInt*(scan.next());

obj.setId(studentId);

obj.setSname(studentName);

obj.setSem(sem);

s.save(obj);

tx.commit();

s.close();

} **else** **if** (choice == 2) {

Session s = sf.openSession();

Transaction tx = s.beginTransaction();

System.***out***.println("Enter StudentId for deleting:");

**int** studentId = Integer.*parseInt*(scan.next());

obj = (student) s.get(student.**class**, studentId);

**if** (obj != **null**) {

s.delete(obj);

tx.commit();

System.***out***.println("Student record deleted successfully.");

} **else** {

System.***out***.println("Student with ID " + studentId + " not found.");

}

s.close();

} **else** **if** (choice == 3) {

**break**; // Exit the loop

} **else** {

System.***out***.println("Invalid choice. Please enter 1, 2, or 3.");

}

}

scan.close();

}

}

pom.xml

<dependency>

<groupId>org.hibernate.javax.persistence</groupId>

<artifactId>hibernate-jpa-2.1-api</artifactId>

<version>1.0.2.Final</version>

</dependency>

<dependency>

<groupId>org.hibernate</groupId>

<artifactId>hibernate-core</artifactId>

<version>5.6.14.Final</version>

</dependency>

<dependency>

<groupId>mysql</groupId>

<artifactId>mysql-connector-java</artifactId>

<version>5.1.49</version>

</dependency>

hibernet.cfg.xml

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<!DOCTYPE hibernate-configuration PUBLIC

"-//Hibernate/Hibernate Configuration DTD 3.0//EN"

"<http://hibernate.sourceforge.net/hibernate-configuration-3.0.dtd>">

<hibernate-configuration>

<session-factory>

<!-- Database connection settings -->

<property name=*"hibernate.connection.driver\_class"*>com.mysql.jdbc.Driver</property>

<property name=*"hibernate.connection.url"*>jdbc:mysql://localhost:3306/student</property>

<property name=*"hibernate.connection.username"*>root</property>

<property name=*"hibernate.connection.password"*>root</property>

<property name=*"hbm2ddl.auto"*>update</property>

</session-factory>

</hibernate-configuration>

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| https://lh3.googleusercontent.com/a/ACg8ocLAY8DXK77cV-_ZQDdQI9pJa7HvPklZZtlg8yfQXWS4=s40-p-mo | ReplyForward |