



HIBERNATE

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DEPT. OF COMPUTER SCIENCE
RCSS

Mysql Database



```
create database hndb_dept
```

```
Use hndb_dept
```

```
CREATE TABLE dept(  
dno INTEGER AUTO_INCREMENT PRIMARY KEY ,  
dname VARCHAR( 30 )  
)
```

```
Insert into dept(dname) values ('cs')
```

```
Select * from dept
```

```
commit
```



hibernate.cfg.xml

```
<hibernate-configuration>
```

```
  <session-factory>
```

```
    <property name="hibernate.dialect">org.hibernate.dialect.MySQLDialect</property>
```

```
    <property name="hibernate.connection.driver_class">com.mysql.jdbc.Driver</property>
```

```
    <property
```

```
      name="hibernate.connection.url">jdbc:mysql://localhost:3306/hndb_dept?zeroDateTimeBehavior=convertToNull
    </property>
```

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

```
    <mapping resource="hndb_project_insert/hibernate.hbm.xml"/>
```

```
  </session-factory>
```

```
</hibernate-configuration>
```

hibernate.hbm.xml



```
<hibernate-mapping>
  <class name="hndb_project_insert.CDept" table="dept">
    <id name="dno">
      <generator class="assigned"></generator>
    </id>
    <property name="dname"></property>
  </class>
</hibernate-mapping>
```

CDept.java

```
package hndb_project_insert;

public class CDept {
    private int dno;
    private String dname;
    public int getDno() {
        return dno;
    }
    public void setDno(int dno) {
        this.dno = dno;
    }
    public String getDname() {
        return dname;
    }
    public void setDname(String dname) {
        this.dname = dname;
    }
}
```



Login.java

```
package hndb_project_insert;
import org.hibernate.Session;
import org.hibernate.SessionFactory;
import org.hibernate.Transaction;
import org.hibernate.cfg.Configuration;
public class Hndb_project_insert {
    private static SessionFactory factory;
    public static void main(String[] args) {
        try{
            factory = new Configuration().configure().buildSessionFactory();
        }
        catch (Throwable ex) {
            System.err.println("Failed to create sessionFactory object." + ex);
            throw new ExceptionInInitializerError(ex);
        }
        Session session = factory.openSession();
        Transaction tx = null;
```



```
try {  
    tx = session.beginTransaction();  
    CDept d = new CDept();  
        d.setDname("SW");  
    session.save(d);  
        tx.commit();  
    System.out.println("Successfully inserted");  
        factory.close();  
}  
catch(Exception e)  
{  
    System.out.println(e);  
}  
}  
}
```





Thank You