**Create a hibernate configuration file**

<!DOCTYPE hibernate-configuration PUBLIC "-//Hibernate/Hibernate Configuration DTD 3.0//EN"

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

<hibernate-configuration>

<session-factory>

<!-- JDBC Database connection settings -->

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

<property name="hibernate.connection.url">jdbc:mysql://localhost:3306/your\_database</property>

<property name="hibernate.connection.username">your\_username</property>

<property name="hibernate.connection.password">your\_password</property>

<!-- JDBC connection pool settings -->

<property name="hibernate.c3p0.min\_size">5</property>

<property name="hibernate.c3p0.max\_size">20</property>

<property name="hibernate.c3p0.timeout">300</property>

<property name="hibernate.c3p0.max\_statements">50</property>

<property name="hibernate.c3p0.idle\_test\_period">3000</property>

<!-- Specify dialect -->

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

<!-- Echo all executed SQL to stdout -->

<property name="hibernate.show\_sql">true</property>

<!-- Drop and re-create the database schema on startup -->

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

<!-- Mention annotated class -->

<mapping class="com.example.YourEntityClass" />

</session-factory>

</hibernate-configuration>

Create hibernate entity class with annotatios

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

@Entity

public class YourEntityClass {

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private Long id;

// Other fields, getters, and setters

}

Test hibernate configuration

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.cfg.Configuration;

public class HibernateTest {

public static void main(String[] args) {

// Create session factory

SessionFactory factory = new Configuration().configure("hibernate.cfg.xml").addAnnotatedClass(YourEntityClass.class).buildSessionFactory();

// Create session

Session session = factory.getCurrentSession();

try {

// Your Hibernate code here

} finally {

// Close resources

session.close();

factory.close();

}

}

}