

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE hibernate-configuration PUBLIC
"-//Hibernate/Hibernate Configuration DTD 3.0//EN"
"http://www.hibernate.org/dtd/hibernate-configuration-3.0.dtd">
<hibernate-configuration>
<session-factory>
<!-- JDBC Database connection settings -->
<property
name="connection.driver_class">com.mysql.cj.jdbc.Driver</property>
<property
name="connection.url">jdbc:mysql://localhost:3306/ecommerce</property>
<property name="connection.username">root</property>
<property name="connection.password"></property>
<!-- JDBC connection pool settings -->
<property name="connection.pool_size">1</property>
<!-- SQL dialect -->
<property
name="dialect">org.hibernate.dialect.MySQLDialect</property>
<!-- Print sql to stdout -->
<property name="show_sql">true</property>
<property name="current_session_context_class">thread</property>
</session-factory>
</hibernate-configuration>

```

```
package com.hibernate;
```

```

import javax.persistence.Column;
import javax.persistence.GeneratedValue;
import javax.persistence.GenerationType;
import javax.persistence.Id;
import javax.persistence.Table;

```

```

@Entity
@Table(name = "product")
public class Product {
    @Id
    @Column(name = "id")
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    int id;
    @Column(name = "name")
    String name;
    @Column(name = "price")
    int price;
    @Column(name = "qty")
    int qty;

```

```

    public Product() {
// TODO Auto-generated constructor stub
    }

```

```
@Override
```

```
public String toString() {  
    return "Product [id=" + id + ",name=" + name + ",price=" + price + ",qty=" + qty + "];"  
}
```

```
public Product(String name, int price, int qty) {  
    // this.id=id;  
    this.name = name;  
    this.price = price;  
    this.qty = qty;  
}  
}
```

```
package com.hibernate;
```

```
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(Product.class)  
            .buildSessionFactory();// Get the Session  
        Session theSession = factory.getCurrentSession();  
        try {  
            // Add a new learner  
            Product theproduct = new Product("USB cable", 350, 10);  
            theSession.beginTransaction();  
            theSession.save(theproduct);  
            theSession.getTransaction().commit();  
        } finally {  
            factory.close();  
        }  
    }  
}
```