```java
Stock.java
package org.main;
import javax.persistence.Column;
import javax.persistence.Embedded;
import javax.persistence.Entity;
import javax.persistence.GeneratedValue;
import javax.persistence.GenerationType;
import javax.persistence.Id;
import javax.persistence.SequenceGenerator;
import javax.persistence.Table;
@Entity
@Table(name="STOCK_TABLE")
public class Stock {
@Id
@SequenceGenerator(name="stock_seq",sequenceName="Stock_id_seq_gen",allocationSize=2,initialValue=10)
@GeneratedValue(strategy=GenerationType.SEQUENCE,generator="stock_seq")
@Column(name="STOCK_ID")
private Integer id;
@Embedded
@Column(name="NAME",nullable=false,unique=true)
private NameDetails name;
@Column(name="PRICE")
private float price;
@Column(name="QTY")
private Integer qty;
public int getId() {
return id;
}
public void setId(int id) {
this.id = id;
}
public NameDetails getName() {
return name;
}
public void setName(NameDetails name) {
this.name = name;
}
public float getPrice() {
return price;
}
public void setPrice(float price) {
this.price = price;
}
public int getQty() {
return qty;
}
public void setQty(int qty) {
this.qty = qty;
}}
```

```java
Name.java
package org.main;
import javax.persistence.Embeddable;
@Embeddable
public class NameDetails {
private String itemName;
private String brandName;
private Integer stock;
public String getItemName() {
return itemName;
}
public void setItemName(String itemName) {
this.itemName = itemName;
}
public String getBrandName() {
return brandName;
}
public void setBrandName(String brandName) {
this.brandName = brandName;
}
public Integer getStock() {
return stock;
}
public void setStock(Integer stock) {
this.stock = stock;
}
}
Solution.java
package org.main;
import org.hibernate.Session;
import org.hibernate.SessionFactory;
import org.hibernate.cfg.Configuration;
public class Solution {
public static void main(String[] args) {
Stock stock = new Stock();
stock.setPrice(100.00f);
stock.setQty(50);
NameDetails name=new NameDetails();
name.setItemName("Shampoo");
name.setBrandName("Pantene");
```

```
name.setStock(100);
SessionFactory sf = new Configuration().configure().buildSessionFactory();
Session session = sf.openSession();
session.beginTransaction();
session.save(stock);
session.getTransaction().commit();
session.close();
}
}
```
Hibernate.cfg.xml
```xml
<?xml version="1.0" encoding="UTF-8"?>
<hibernate-configuration>
<session-factory>
<!-- Database connection settings -->
<property name="connection.driver_class">com.mysql.jdbc.Driver</property>
<property name="connection.url">jdbc:mysql://localhost:3306/test</property>
<property name="connection.username">root</property>
<property name="connection.password"></property>
<!-- JDBC connection pool (use the built-in) -->
<property name="connection.pool_size">10</property>
<!-- SQL dialect -->
<property name="dialect">org.hibernate.dialect.MySQL5Dialect</property>
<!-- Disable the second-level cache -->
<property name="cache.provider_class">org.hibernate.cache.internal.NoCacheProvider</property>
<!-- Echo all executed SQL to stdout -->
<property name="show_sql">true</property>
<!-- Drop and re-create the database schema on startup -->
<property name="hbm2ddl.auto">update</property>
<!-- Names the annotated entity class -->
<mapping class="org.main.Stock"/>
</session-factory>
</hibernate-configuration>
```