**Mateusz Łopaciński**

**Main.java**

package *com.matipl01*;  
import *org.hibernate.HibernateException*;  
import *org.hibernate.Session*;  
import *org.hibernate.SessionFactory*;  
import *org.hibernate.Transaction*;  
import *org.hibernate.cfg.Configuration*;  
  
public class *Main* {  
 private static final *SessionFactory* ourSessionFactory;  
  
 static {  
 try {  
 *Configuration* configuration = new Configuration();  
 configuration.configure();  
  
 ourSessionFactory = configuration.buildSessionFactory();  
 } catch (*Throwable ex*) {  
 throw new ExceptionInInitializerError(*ex*);  
 }  
 }  
  
 public static *Session* getSession() throws *HibernateException* {  
 return ourSessionFactory.openSession();  
 }  
  
 public static void main(final *String*[] *args*) throws *Exception* {  
 final *Session* session = *getSession*();  
 *Product* product = new Product("Krzesło", 111);  
 try {  
 *Transaction* tx = session.beginTransaction();  
 session.save(product);  
 tx.commit();  
 } finally {  
 session.close();  
 }  
 }  
}

**Product.java**

package *com.matipl01*;  
  
import *javax.persistence.Entity*;  
import *javax.persistence.GeneratedValue*;  
import *javax.persistence.GenerationType*;  
import *javax.persistence.Id*;  
  
*@Entity*public class *Product* {  
 *@Id  
 @GeneratedValue*(strategy = *GenerationType*.AUTO)  
 public int productID;  
 public *String* productName;  
 public int unitsInStock;  
  
 public Product() {}  
  
 public Product(*String productName*, int *unitsInStock*) {  
 this.productName = *productName*;  
 this.unitsInStock = *unitsInStock*;  
 }  
}

**hibernate.cfg.xml**

<?xml version='1.0' encoding='utf-8'?>  
<!DOCTYPE hibernate-configuration PUBLIC  
 "-//Hibernate/Hibernate Configuration DTD//EN"  
 "http://www.hibernate.org/dtd/hibernate-configuration-3.0.dtd">  
<hibernate-configuration>  
 <session-factory>  
 <property name="show\_sql">true</property>  
 <property name="format\_sql">true</property>  
 <property name="dialect">org.hibernate.dialect.SQLiteDialect</property>  
 <property name="connection.driver\_class">org.sqlite.JDBC</property>  
 <property name="connection.url">jdbc:sqlite:mydb.db</property>  
 <property name="connection.username"/>  
 <property name="connection.password"/>  
 <property name="hibernate.hbm2ddl.auto">update</property>  
 <mapping class="com.matipl01.Product"/>  
 </session-factory>  
</hibernate-configuration>

**Struktura projektu**

Obraz zawierający tekst

Opis wygenerowany automatycznie

**Połączenie z bazą SQLite**

Obraz zawierający tekst, monitor, ekran, zrzut ekranu

Opis wygenerowany automatycznie

**Tabela *Product* po dodaniu produktu**

