**Program on Adding new product:**

**Product code:**

package Products;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.Id;

import javax.persistence.Table;

@Entity

@Table(name="productdetails")

public class productdetails {

@Id

@Column(name="p\_id")

private int p\_id;

@Column(name="name")

private String name;

@Column(name="price")

private int price;

productdetails(){

}

public productdetails(int p\_id, String name, int price) {

super();

this.p\_id = p\_id;

this.name = name;

this.price = price;

}

@Override

public String toString() {

return "Product [p\_id=" + p\_id + ", name=" + name + ", price=" + price + "]";

}

public int getP\_id() {

return p\_id;

}

public void setP\_id(int p\_id) {

this.p\_id = p\_id;

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public int getPrice() {

return price;

}

public void setPrice(int price) {

this.price = price;

}

}

**App code:**

package Products;

import java.util.Scanner;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.cfg.Configuration;

public class App

{

public static void main( String[] args )

{

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

Session theSession=factory.getCurrentSession();

newRecordFromRunTime(theSession);

// addNewUser(factory, theSession);

}

private static void newRecordFromRunTime(Session theSession) {

Scanner scan=new Scanner(System.in);

System.out.println("Enter p\_id to be added..");

int p\_id=scan.nextInt();

scan.nextLine();

System.out.println("Enter product name to be added..");

String name=scan.nextLine();

System.out.println("Enter product price to be added..");

int price=scan.nextInt();

// Create a User object

productdetails newProduct = new productdetails(p\_id, name, price);

// Start the transaction

theSession.beginTransaction();

// Save the user

theSession.save(newProduct);

// Commit the transaction

theSession.getTransaction().commit();

System.out.println("product added successfully");

}

}