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import java.sql.*;
import java.io.*;

public class OnlineShop {
   private Connection conn;
   BufferedReader br = new BufferedReader(new
InputStreamReader(System.in));

   public Connection getCode(Connection conn) throws IOException {
       System.out.print("\nEnter the code of the item you wish to
purchase:");
       int item_code = Integer.parseInt(br.readLine());

       System.out.print("Enter the quantity you wish to purchase:");
       int item_quant = Integer.parseInt(br.readLine());

       try {
           Statement stmt = conn.createStatement();
           Statement stmt1 = conn.createStatement();
           String sql = "SELECT * FROM store where item_code = " +
item_code + "";
           ResultSet rs = stmt.executeQuery(sql);

           while (rs.next()) {
               String name = rs.getString("item_name");
               int num = rs.getInt("item_num");
               int cost = rs.getInt("item_cost");

               int bought_items = Math.min(num, item_quant);
               System.out.println("You purchased " + bought_items + " " +
name + " @Rs." + bought_items * cost);
               try {
                   String sql1 = "UPDATE store SET item_num = " + (num -
bought_items) + " where item_code = "
                           + item_code;
                   stmt1.executeUpdate(sql1);
               } catch (Exception e) {
                   e.printStackTrace();
                   System.out.println("Error in select all");
               }
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            }

        } catch (Exception e) {
            e.printStackTrace();
            System.out.println("Error in select all");
        }
        return conn;
    }

    public Connection listItems(Connection conn) {
        try {
            Statement stmt = conn.createStatement();
            String sql = "SELECT * FROM store";
            ResultSet rs = stmt.executeQuery(sql);

            System.out.println("\ncode\tname\tnum\tcost");
            while (rs.next()) {
                String code = rs.getString("item_code");
                String name = rs.getString("item_name");
                String num = rs.getString("item_num");
                String cost = rs.getString("item_cost");

                System.out.println(code + "\t" + name + "\t" + num + "\t" +
cost);
            }

        } catch (Exception e) {
            e.printStackTrace();
            System.out.println("Error in select all");
        }
        return conn;
    }

    public boolean loginVerification(Connection conn) throws IOException {
        System.out.print("\nEnter your username:");
        String usrname = br.readLine();

        System.out.print("Enter your password:");
        String pwd = br.readLine();
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        boolean loginFlag = false;
        try {
            Statement stmt = conn.createStatement();
            String sql = "SELECT COUNT(*) AS login FROM login WHERE NAME =
'" + usrname + "' AND PASSWORD = '" + pwd
                    + "'";
            ResultSet rs = stmt.executeQuery(sql);

            while (rs.next()) {
                if (rs.getInt("login") == 1) {
                    System.out.println("Login for " + usrname + " was
successful");
                    loginFlag = true;
                } else {
                    System.out.println("Login for " + usrname + " was
failure");
                }
            }

        } catch (Exception e) {
            e.printStackTrace();
            System.out.println("Error in select all");
        }
        return loginFlag;
    }

    public Connection getConnection() {
        try {
            String url = "jdbc:mysql://localhost/test";
            String username = "root";
            String password = "";

            conn = DriverManager.getConnection(url, username, password);
            System.out.println("Connection Successful");
        } catch (Exception e) {
            e.printStackTrace();
            System.out.println("Error occurred while connecting to
database");
        }
        return conn;
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    }


    public boolean getContinue() throws IOException{
        boolean flag = false;
        System.out.print("Do you wish to continue? (yes/no)");
        String inp = br.readLine();

        if( inp.compareToIgnoreCase("yes") == 0){
            flag = false;
        }
        else{
            flag = true;
        }

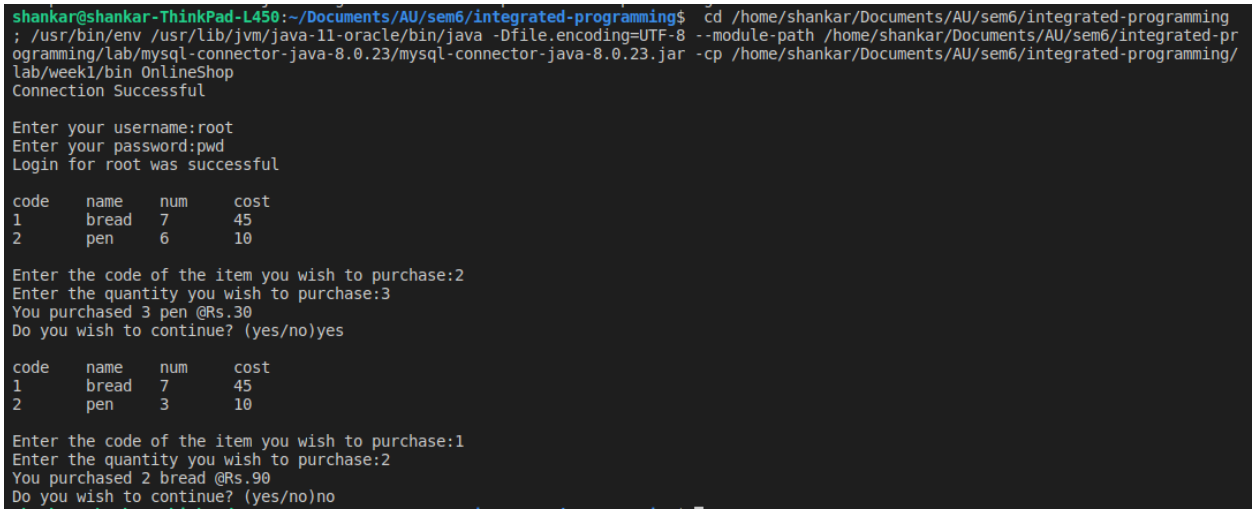
        return flag;
    }

    public static void main(String args[]) throws IOException {
        OnlineShop obj = new OnlineShop();
        Connection conn = obj.getConnection();

        while( !obj.loginVerification(conn) );

        do{
            obj.listItems(conn);
            obj.getCode(conn);
        }while( !obj.getContinue() );
    }
}
```

Output:


shankar@shankar-ThinkPad-L450:~/Documents/AU/sem6/integrated-programming$ cd /home/shankar/Documents/AU/sem6/integrated-programming
; /usr/bin/env /usr/lib/jvm/java-11-oracle/bin/java -Dfile.encoding=UTF-8 --module-path /home/shankar/Documents/AU/sem6/integrated-pr
ogramming/lab/mysql-connector-java-8.0.23/mysql-connector-java-8.0.23.jar -cp /home/shankar/Documents/AU/sem6/integrated-programming/
lab/week1/bin OnlineShop
Connection Successful
Enter your username:root
Enter your password:pwd
Login for root was successful
code name num cost
1 bread 7 45
2 pen 6 10
Enter the code of the item you wish to purchase:2
Enter the quantity you wish to purchase:3
You purchased 3 pen @Rs.30
Do you wish to continue? (yes/no)yes
code name num cost
1 bread 7 45
2 pen 3 10
Enter the code of the item you wish to purchase:1
Enter the quantity you wish to purchase:2
You purchased 2 bread @Rs.90
Do you wish to continue? (yes/no)no