

eclipse-workspace - ABC/src/Solution.java - Eclipse

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Quick Access

Solution.java

```
1 import java.sql.*;
2 import java.util.Scanner;
3 public class Solution {
4
5     public static void main(String[] args) throws Exception{
6         try{
7             Class.forName("oracle.jdbc.driver.OracleDriver");
8             Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","root"); //Connecting to Oracle(SQL*PLUS) database
9             Scanner sc=new Scanner(System.in);
10            System.out.println("Enter the Option");
11            int op=sc.nextInt();
12            switch(op)
13            {
14                // Case 1 and Case 2 are creation of table and inserting data into created table respectively;
15                case 1:
16                    //Creation of Movies Table;
17                    Statement stmt=con.createStatement();
18                    String sql="create table Movies(Name varchar(12),Actor varchar(12),Actress varchar(12),Director varchar(12),YearofRealease number)";
19                    stmt.executeUpdate(sql);
20                    System.out.println("Movies table created in oracle database..!!!");
21                    break;
22            }
23            case 2:
24            {
25                //Inserting Records in to the Movies Table;
26                int i=1;
27                int n=sc.nextInt();
28                while(i<=n)
29                {
30                    Scanner scl=new Scanner(System.in);
31                    String a=scl.nextLine();
32                    String b=scl.nextLine();
33                    String c=scl.nextLine();
34                    String d=scl.nextLine();
35                    String e=scl.nextLine();
36                    int e=sc.nextInt();
37                    PreparedStatement stmt1=con.prepareStatement("insert into Movies values(?,?,?,?,?)");
38                    stmt1.setString(1,a);
```

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Solution.java

```
39 stmt1.setString(2,b);
40 stmt1.setString(3,c);
41 stmt1.setString(4,d);
42 stmt1.setInt(5,e);
43 int p=stmt1.executeUpdate();
44 System.out.println(p+"records Inserted");
45 if(i==n)
46 {
47     scl.close();
48     break;
49 }
50 else
51 {
52     i=i+1;
53     continue;
54 }
55 }
56
57 // Case 3 and Case 4 are Querying data from Movies Table;
58 case 3:
59 {
60     //Retrieving all the rows from Movies table using select query;
61     Statement stmt2=con.createStatement();
62     String sql="select *from movies";
63     ResultSet rs=stmt2.executeQuery(sql);
64     while(rs.next())
65     {
66         System.out.println("[ "+rs.getString(1)+" "+rs.getString(2)+" "+rs.getString(3)+" "+rs.getString(4)+" "+rs.getInt(5)+" ]");
67     }
68     break;
69 }
70 case 4:
71 {
72     //Retrieve the particular Movie name based on actor name;
73     int z=0;
74     Scanner sc2=new Scanner(System.in);
75     Statement stmt3=con.createStatement();
76     String r=sc2.nextLine();
```

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Solution.java

```
70 case 4:
71 {
72     //Retrieve the particular Movie name based on actor name;
73     int z=0;
74     Scanner sc2=new Scanner(System.in);
75     Statement stmt3=con.createStatement();
76     String r=sc2.nextLine();
77     String sql="select Name from movies where Actor='"+r+"'";
78     ResultSet rs=stmt3.executeQuery(sql);
79     while(rs.next())
80     {
81         z=1;
82         System.out.println(""+rs.getString(1)+"");
83     }
84     if(z==0)
85     {
86         System.out.println("No Movie Name && Actor Found");
87     }
88     sc2.close();
89     break;
90 }
91
92 default:
93 {
94     if(op<1 || op>4)
95     {
96         System.out.println("Enter Correct Option");
97     }
98 }
99
100 sc.close();
101 }
102 catch(Exception e)
103 {
104     System.out.println(e);
105 }
106 }
107 }
```

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Package Explorer

ABC

Solution.java

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8             Connection con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","sys",
9             Scanner sc=new Scanner(System.in);
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15                case 1:
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17                    Statement stmt=con.createStatement();
18                    String sql="create table Movies(Name varchar(12),Actor varchar(12),Actress varchar(12))";
19                    stmt.executeUpdate(sql);
20                    System.out.println("Movies table created in oracle database!!!!");
21                    break;
22                case 2:
23                    //Inserting Records in to the Movies Table;
24                    int i=1;
25                    int n=sc.nextInt();
26                    while(i<=n)
27                    {
28                        String name=sc.next();
29                        String actor=sc.next();
30                        String actress=sc.next();
31                        String sql="insert into Movies values('"+name+"','"+actor+"','"+actress+"')";
32                        stmt.executeUpdate(sql);
33                        i++;
34                    }
35                    System.out.println("Records inserted successfully");
36                }
37            }
38        }
39    }
40 }
```

Task List

Find

Outline

Solution

main(String[]): void

Problems Javadoc Declaration Console

<terminated> Solution [Java Application] C:\Program Files\Java\jdk1.8.0_221\bin\javaw.exe (02-Nov-2021, 8:41:06 PM)

Enter the Option

4

Mahesh Babu

[Maharshi]

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