**/\* Program No. :-**

**Aim :- WAP for implementing Database Connectivity in Java.**

**\*/**

import java.util.Scanner;

import java.sql.\*;

public class Prog13

{

public static void main(String[] args)

{

Connection connect;

String name, query;

int option;

PreparedStatement executeQuery;

ResultSet resultSet;

Scanner read = new Scanner(System.in);

try

{

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

connect = DriverManager.getConnection("jdbc:odbc:Prog13\_jdbc", "", "");

System.out.println("\nConnection to the database succesfully established.");

do

{

System.out.print("\nEnter the name to be searched: ");

name = read.nextLine();

try

{

query = "select \* from Prog13\_table where Name=?";

executeQuery = connect.prepareStatement(query);

executeQuery.setString(1, name);

resultSet = executeQuery.executeQuery();

if(resultSet.next() == true)

{

System.out.println("\nStudent Details:");

System.out.println("Roll No.: " + resultSet.getString("RollNo"));

System.out.println("Name: " + resultSet.getString("Name"));

System.out.println("Branch: " + resultSet.getString("Branch"));

}

}

catch(SQLException e)

{

System.out.println("\nQuery couldn't be execute succesfully.");

}

System.out.print("\nDo you want to continue (1 - Yes): ");

option = read.nextInt();

}while(option == 1);

connect.close();

System.out.println("\nConnection to the database succesfully closed.");

}

catch(ClassNotFoundException e)

{

System.out.println("\nConnection Class can't be loaded.");

}

catch(SQLException e)

{

System.out.println("\nConnection to the database failed.");

}

}

}

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**Name -Rohit Aggarwal**

**Roll No. - 7CS-097**

**\*/**