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| **Experiment Name:** | [Calculator](https://play.google.com/store/apps/details?id=com.google.android.calculator&hl=en_IN) | | |
| **Experiment No. :** | 31 | **Date :** | 4.11.24 |
| **Compiler :** | javac | **Filename :** | DatabaseTest.java |
| **Aim :** | Write a java program to perform select and insert into mysql database | | |
| **PROGRAM:**  import java.util.\*;  import java.sql.\*;  class DatabaseTest{  static String mysqlUrl = "jdbc:mysql://localhost/naveen";  static String name = "root";  static String pass = "abc123";  public static void main(String[] args){  int opt = -1;  try{  Scanner sc = new Scanner(System.in);  Class.forName("com.mysql.jdbc.Driver");  Connection con = DriverManager.getConnection(mysqlUrl,name,pass);  Statement st = con.createStatement();  while(true){  System.out.println();  System.out.println("Enter 1 to display all the student details");  System.out.println("Enter 2 to insert a student into db");  opt = sc.nextInt();  switch(opt){  case 1 : {  ResultSet res = st.executeQuery("SELECT \* FROM student;");  System.out.println("\tid\t|\tName\t|\tAge\t|\tPlace\t") ;  while(res.next()){  System.out.println();  System.out.print("\t"+res.getInt(1)+"\t\t"+res.getString(2)+"\t\t"+res.getInt(3)+"\t\t"+res.getString(4)) ;  }  break;  }  case 2 : {  System.out.println("Enter the id, name, place, age");  int id = sc.nextInt();  String name = sc.next();  String place = sc.next();  int age = sc.nextInt();  String query = "INSERT INTO student (id, name, place, age) VALUES (?, ?, ?, ?)";  PreparedStatement pst = con.prepareStatement(query);  pst.setInt(1, id);  pst.setString(2, name);  pst.setString(3, place);  pst.setInt(4, age);  pst.executeUpdate();  System.out.println("Student added successfully.");  break;  }  }  }}catch(Exception e){  System.out.println(e);  }}}  **OUTPUT:** | | | |