

1. Aim: perform CRUD operations on MS Access.

Program:

```
Package javaapplication12;  
import java.sql.*;  
import java.util.*;  
public class javaapplication12 {  
    public static void main (String args[])  
    {  
        try  
        {  
            Class.forName ("net.ucanaccess.jdbc.Ucanaccess  
                            Driver");  
            Connection con = DriverManager.getConnection  
                ("jdbc:ucanaccess://c:\\e\\emp\\accedb");  
            Statement st = con.createStatement();  
            ResultSet rs = st.executeQuery ("select * from  
                                            emp");  
            while (rs.next())  
            {  
                System.out.println ("emp no is" + rs.getInt(1));  
                System.out.println ("emp name is" + rs.getString  
                    (2));  
            }  
        }  
        catch (Exception e)
```

2. Aim: perform CRUD operations on MySQL
- create database it;
  - use it;
  - create table employee (eno int, name varchar(50));
  - desc employee;
  - insert into employee (eno, name) values (101, 'kumar');

Program:

```
import java.sql.*;
import java.util.*;

public class Mysql {

    package mysql;

    public static void main(String[] args) {
        try {
            Class.forName("com.mysql.jdbc.Driver");
            Connection con = DriverManager.getConnection(
                "jdbc:mysql://localhost/it", "root", "");
            Statement st = con.createStatement();
            int insert = st.executeUpdate("insert into
                employee values (4, 'kumar')");
            int delete = st.executeUpdate("delete from
                employee where eno = 4");
        }
    }
}
```



5. Aim: Create a login and connect it with the servlet

Program:

→ login.html

<html>

<head>

<title>login</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

</head>

<body bgcolor="lavender">

<form action="MyServlet">

<label for="uname">Username</label><br>

<input type="text" id="uname" name="uname"><br>

<label for="pasw">password</label><br>

<input type="password" id="pwd" name="pwd"><br>

<br>

<button>submit</button>

</form>

</body>

</html>



```

Result r = rs.executeQuery("select * from employee");
while (rs.next())
{
    System.out.println(rs.getInt(1) + " " + rs.getString(2));
}
con.close();
}
catch (Exception e)
{
    System.out.println(e);
}
}
}

```

Output



No-close();

3

3

Output:

4. Aim: Create a Registration Form by using  
html and script.

Program:

→ Registration.html

```
<html>
  <head>
    <title>Registration Form</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-
      width, initial-scale=1.0">
  </head>
  <body>
    <form action="Get">
      <center><h1>Registration Form</h1></center>
      <hr>
      <label for="email"><b>First name</b></label>
      <input type="text" placeholder="fname" name="fname"
        id="email" required>
      <br><br>
      <label for="name"><b>Last name</b></label>
      <input type="text" placeholder="lname" name="name"
        id="fname" required>
      <br><br>
      <p><b>Gender</b></p></body>
```

→ MyServlet.java

```
import java.sql.Connection;  
import java.sql.DriverManager;  
import javax.servlet.http.*;  
import javax.servlet.*;  
  
public class MyServlet extends HttpServlet {  
  
    public void doGet (HttpServletRequest req, HttpServletResponse  
        Response res) throws  
  
        ServletException, IOException  
    {  
        String s1 = req.getParameter("uname");  
        String s2 = req.getParameter("pwd");  
        res.setContentType("text/html");  
        PrintWriter pw = res.getWriter();  
  
        if (s1.equals("admin") && s2.equals("welcome"))  
        {  
            pw.println("valid");  
        }  
        else  
        {  
            pw.println("Invalid");  
        }  
  
        pw.println("Username value is " + s1 + " password  
            value is " + s2);  
    }  
}
```

Pro: class

```
}  
}
```

Output





```

☐
<label for="html">Male</label><br>
<label for="html">Female</label>
<br><br>
<b><label for="Hob">Hobbies</label><br><b>
<textarea id="Hob" name="Hob" rows="4" cols="50">
</textarea>
<br><br>
<br><b><label for="cars">Dept/office</label><b>
<select name="cars" id="cars">
<option value="volvo">select your Dept/office
</option>
<option value="b">CSE</option>
<option value="c">IT</option>
<option value="d">ECE</option>
</select>
<br><br>
<label for="email"><b>Email</b></label>
<input type="text" placeholder="E-mail address"
name="email" id="email" required>
<br><br>
<button>Submit</button>
</form>
</body>
</html>

```