

Week 7

1)

```
import java.io.IOException;

import java.io.PrintWriter;

import java.util.Scanner;


import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

@WebServlet("/extract_capital_letter")

public class extract_capital_letter extends HttpServlet {

    protected void doGet(HttpServletRequest req, HttpServletResponse res) throws ServletException, IOException {
        res.setContentType("text/html");

        PrintWriter pw = res.getWriter();

        Scanner sc= new Scanner(System.in);

        System.out.println("Enter the Name");

        String name= sc.next();

        initials(name,pw);

    }


    private void initials(String name, PrintWriter pw) {
        // TODO Auto-generated method stub
        for(int i = 0; i < name.length(); i++) {
            if(Character.isUpperCase(name.charAt(i))) {
```

```

        pw.print(name.charAt(i));
    }
}

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException,
IOException {
    // TODO Auto-generated method stub
    doGet(request, response);
}
}

```

Output

```

Enter the Name
RavishJHGowda

RJHG

```

2)

```

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.*;
import java.util.Scanner;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

```

```

@WebServlet("/Police_Station")

public class Police_Station extends HttpServlet {

    protected void doGet(HttpServletRequest req, HttpServletResponse res) throws ServletException, IOException {

        res.setContentType("text/html");

        PrintWriter out = res.getWriter();

        System.out.println("Entet Which Area Police Staion Details You Want.");

        Scanner sc= new Scanner(System.in);

        String area=sc.next();

        Statement pstmt;

        try {

            Class.forName("com.mysql.cj.jdbc.Driver").newInstance();

            Connection conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/adv_java","root","gowda@406");

            pstmt = conn.createStatement();

            ResultSet rs=pstmt.executeQuery("SELECT * FROM Police_Station where Area='"+area+"'");

            while(rs.next())

            {

                String f1 = rs.getString(1);

                String f2 = rs.getString(2);

                String f3 = rs.getString(3);

                String f4 = rs.getString(4);

                String f5 = rs.getString(5);

                out.println("<h4>\nArea : "+f1+"<br>\nPhone Number : "+f2+"\n<br>No of Constables : "+f3+"\n<br>No of SI : "+f4+"\n<br>No of Criminals : "+f5);

            }

            conn.close();

        } catch (Exception e) {

            System.out.println("ERROR"+e);

            out.close();

        }

    }

}

```

```
}
```

```
protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException,
IOException {
```

```
// TODO Auto-generated method stub
```

```
doGet(request, response);
```

```
}
```

```
}
```

Output :

```
Enter Which Area Police Station Details You Want.
yeshwanthpur
```

```
Area : yeshwanthpur
Phone Number : 54675687
No of Constables : 45
No of SI : 5
No of Criminals : 50
```

3)

```
import java.io.IOException;
```

```
import java.io.PrintWriter;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
import java.sql.ResultSet;
```

```
import java.sql.Statement;
```

```

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;


/**
 * Servlet implementation class Employee
 */
@WebServlet("/Employee")

public class Employee extends HttpServlet {

    protected void doGet(HttpServletRequest req, HttpServletResponse res) throws ServletException, IOException {

        // TODO Auto-generated method stub

        res.setContentType("text/html");

        PrintWriter out = res.getWriter();


        Statement pstmt;

        try {

            Class.forName("com.mysql.cj.jdbc.Driver").newInstance();

            Connection conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/adv_java","root","gowda@406");

            pstmt = conn.createStatement();

            ResultSet rs=pstmt.executeQuery("SELECT * FROM employee_servlet");

            out.println("<html>"+ "<head>"+ "<body>"+ "<h1>Employee Details</h1>"+ "<table border=1><tr><th>Employee ID</th><th>Employee Name"+

                "</th><th>Address</th><th>Date Of Birth</th></tr>");

            while(rs.next())

            {

                int f1=rs.getInt(1);

                String f2 = rs.getString(2);

                String f3 = rs.getString(3);

                String f4 = rs.getString(4);

```

```

        out.println("<tr>"+ "<td>"+f1+"</td>"+ "<td>"+f2+"</td>"+ "<td>"+f3+"</td>"+ "<td>"+f4+"</td>"+ "</tr>");
    }

    conn.close();

    out.println("</table>"+ "</body>"+ "</html>");

} catch (Exception e) {

    System.out.println("ERROR"+e);

    out.close();

}

}

}

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException,
IOException {

    // TODO Auto-generated method stub

    doGet(request, response);

}

}

```

Output :

Employee Details

Employee ID	Employee Name	Address	Date Of Birth
4565	appu	sira	01/08/2002
32323	raju	sira	12/06/2002
34543	ravi	tumkur	02/02/2003