

PRACTICAL-2

AIM: [Write a Servlet which prints a greeting message on Browser.]

PROGRAM:

```
/*
```

```
 * To change this license header, choose License Headers in Project Properties.
```

```
 * To change this template file, choose Tools | Templates
```

```
 * and open the template in the editor.
```

```
*/
```

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

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

```
import javax.servlet.ServletException;
```

```
import javax.servlet.http.HttpServlet;
```

```
import javax.servlet.http.HttpServletRequest;
```

```
import javax.servlet.http.HttpServletResponse;
```

```
/**
```

```
 *
```

```
 * @author kashy
```

```
*/
```

```
public class NewServlet extends HttpServlet {
```

```
    /**
```

```
     * Processes requests for both HTTP <code>GET</code> and <code>POST</code>
```

```
     * methods.
```

```
     *
```

```
* @param request servlet request
* @param response servlet response
* @throws ServletException if a servlet-specific error occurs
* @throws IOException if an I/O error occurs
*/
```

```
protected void processRequest(HttpServletRequest request, HttpServletResponse response)
```

```
    throws ServletException, IOException {
    response.setContentType("text/html;charset=UTF-8");
    try (PrintWriter out = response.getWriter()) {
        /* TODO output your page here. You may use following sample code. */
        out.println("<!DOCTYPE html>");
        out.println("<html>");
        out.println("<head>");
        out.println("<title>Servlet NewServlet</title>");
        out.println("</head>");
        out.println("<body>");
        out.println("<h1>Welcome to Servlet!"+"</h1>");
        out.println("</body>");
        out.println("</html>");
    }
}
```

```
// <editor-fold defaultstate="collapsed" desc="HttpServletRequest methods. Click on the + sign on the left to edit the code.">
```

```
/**
 * Handles the HTTP <code>GET</code> method.
 *
 * @param request servlet request
```

```
* @param response servlet response
* @throws ServletException if a servlet-specific error occurs
* @throws IOException if an I/O error occurs
*/
```

@Override

```
protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    processRequest(request, response);
}
```

/**

```
* Handles the HTTP <code>POST</code> method.
*
* @param request servlet request
* @param response servlet response
* @throws ServletException if a servlet-specific error occurs
* @throws IOException if an I/O error occurs
*/
```

@Override

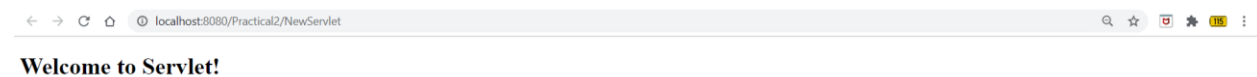
```
protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    processRequest(request, response);
}
```

/**

```
* Returns a short description of the servlet.
*
* @return a String containing servlet description
```

```
*/  
  
@Override  
public String getServletInfo() {  
    return "Short description";  
} // </editor-fold>  
  
}
```

OUTPUT:



CONCLUSION:

In this practical we learnt how to develop a simple WebApplication project & write a Servlet which prints a greeting message on Browser.