PAGE COUNTER-USING SERVLET

INDEX.HTML:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Welcome Page</title>
    <style>
        body {
            background-image: url("img.jpg");
            font-family: 'Times New Roman', Times, serif;
            font-size: xx-large;
            background-color: #f8f8f8;
            margin: 0;
            padding: 0;
        }
        .container {
            text-align: center;
            padding: 50px;
        }
        .title {
            font-size: 2.5em;
            color:black;
            margin-bottom: 20px;
        }
        .link-button {
            display: inline-block;
            padding: 15px 25px;
            font-size: 1.2em;
            color: white;
            background-color: gray;
            text-decoration: none;
            border-radius: 5px;
            margin-top: 20px;
        }
        .link-button:hover {
            background-color:rgb(200, 192, 192);
        }
        .image {
            width: 100%;
            max-width: 600px;
```

```
        height: auto;
        margin-top: 30px;
      }
    </style>
</head>
<body>
    <div class="container">
        <div class="title">Welcome to Our Bouquet Page!</div>
        <a href="pageCounter" class="link-button">See Visit Count</a>
    </div>
</body>
</html>
```

JAVA

```java
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.ServletContext;
import java.io.IOException;
import java.io.PrintWriter;

@WebServlet("/pageCounter")
public class PageCounterServlet extends HttpServlet {

    @Override
    public void init() throws ServletException {
        // Initialize visit count if not already present
        ServletContext context = getServletContext();
        if (context.getAttribute("visitCount") == null) {
            context.setAttribute("visitCount", 0);
        }
    }

    @Override
    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws
ServletException, IOException {
        // Retrieve the current visit count
        ServletContext context = getServletContext();
        Integer visitCount = (Integer) context.getAttribute("visitCount");
```

```java
        // Increment the visit count
        visitCount++;
        context.setAttribute("visitCount", visitCount);

        // Set response content type
        response.setContentType("text/html");

        // Display the visit count
        PrintWriter out = response.getWriter();
        out.println("<html><body>");
        out.println("<h1>Bouquet Themed Page</h1>");
        out.println("<p>Number of visits: " + visitCount + "</p>");
        out.println("</body></html>");
    }
}
```

WEB.XML:
```xml
<web-app>
    <servlet>
        <servlet-name>PageCounterServlet</servlet-name>
        <servlet-class>PageCounterServlet</servlet-class>
    </servlet>
    <servlet-mapping>
        <servlet-name>PageCounterServlet</servlet-name>
        <url-pattern>/pageCounter</url-pattern>
    </servlet-mapping>
</web-app>
```
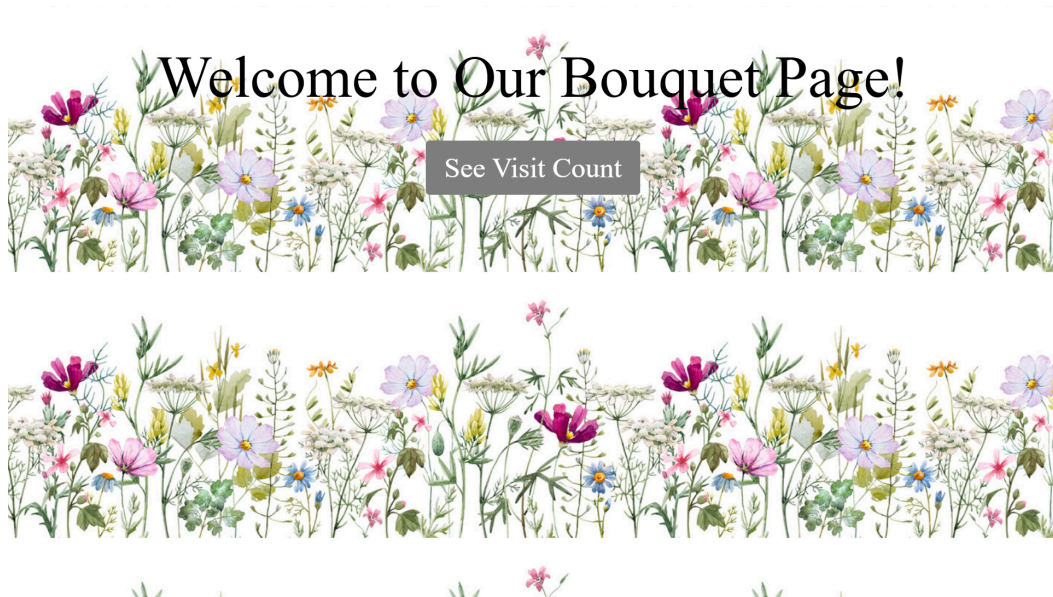
OUTPUT:

Welcome to Our Bouquet Page!

See Visit Count

Bouquet Themed Page

Number of visits: 4