

Practical no:- 21

Program code:-

```
1)
import java.io.IOException;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

public class welcome extends HttpServlet
{
    protected void doGet(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException
    {
        response.setContentType("text/html");

        response.getWriter().println("WELCOME TO MAHARASHTRA STATE
BOARD OF TECHNICAL EDUCATION!");
    }
}
```

2) HTML code

```
<html>

<body>

<center>

<form name="Form1" method="post"
action="http://localhost:8080/examples/servlet/PostParametersServlet">

<table>

<tr>

<td><B>Employee</td>

<td><input type="text" name="e" size="25" value=""></td>

</tr>
```

```

<tr>

<td><B>Phone</td>

<td><input type=textBox name="p" size="25" value=""></td>

</tr>

</table>

<input type=submit value="Submit">

</body>

</html>

```

PostParametersServlet.java:-

```

import java.io.*;
import java.util.*;
import
javax.servlet.*;

public class PostParametersServlet extends GenericServlet

{ public void service(ServletRequest request, ServletResponse response) throws
ServletException, IOException {

PrintWriter pw = response.getWriter();

Enumeration e
=request.getParameterNames();

values. while(e.hasMoreElements())
{
String pname =
(String)e.nextElement();
pw.print(pname + " = ");
Stringpvalue=request.getParameter(pnam
e); pw.println(pvalue);

}

pw.close();

```

```
}  
}
```

| | |
|-----------------|---------------------------------------------|
| Employee | <input type="text" value="Ritesh Doibale"/> |
| Phone | <input type="text" value="9373449263"/> |
| | <input type="button" value="Submit"/> |

Exercise:-

1)

```
import  
java.io.IOException;  
import java.io.PrintWriter;  
  
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("/HelloServlet")  
public class HelloServlet extends HttpServlet  
{  
    private static final long serialVersionUID=1L;  
    protected void doGet(HttpServletRequest request, HttpServletResponse response)  
        throws ServletException, IOException  
    {  
        response.setContentType("text/html  
");  
  
        out.println("<html>");  
    }  
}
```

PrintWriter

```
out=response.getWriter();
```

```
out.println("<head><title>Hello MSBTE</title></head>"); out.println("<body>");
```

```
out.println("<h1>Hello MSBTE</h1>");
```

```
out.println("</body>");
```

```
out.println("</html>");
```

```
}
```

```
}
```

Hello MSBTE

2)

ParameterReceiver.java

```
import
```

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

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

```
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("/ParameterReceiver")
```

```
public class ParameterReceiver extends HttpServlet {
```

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

```
String parameterValue = request.getParameter("param");
response.setContentType("text/html");
```

```
PrintWriter out = response.getWriter();
out.println("<html><body>");
out.println("<h2>Received
Parameter:</h2>"); out.println("<p>" +
parameterValue + "</p>");
out.println("</body></html>");
}
}
```

Index.html

```
<!DOCTYPE html>

<html>

<head>

<title>Parameter Receiver</title>

</head>

<body>

<h2>Submit a Parameter</h2>

<form action="ParameterReceiver" method="post">

<label for="param">Parameter:</label>

<input type="text" id="param" name="param">

<br>

<input type="submit" value="Submit">

</form>
```

</body>

</html>

Submit a Parameter

Parameter:

Received Parameter:

Ritesh