sendRedirect() method || RequestDispatcher

MyServlet.java

```java
package in.sp.backend;

import java.io.IOException;
import java.io.PrintWriter;

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

@WebServlet("/submitForm")
public class Myservlet  extends HttpServlet
{
	protected void service(HttpServletRequest request,HttpServletResponse
response)throws ServletException,IOException
	{
		String mysearch=request.getParameter("search1");
//		response.sendRedirect("https://www.google.com");
		response.sendRedirect("https://www.google.com/search?q="+mysearch);
	}
}
```

Index.html

```html
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
	<from action="submitForm" method="post">
		<input type="text" name="search1" placeholder="Search"> <br><br>
		<input type="submit" value="Search">
	</from>
</body>
</html>
```

ServletDemo2
Login.java

```java
package in.sp.backend;

import java.io.IOException;
import java.io.PrintWriter;

import jakarta.servlet.RequestDispatcher;
import jakarta.servlet.ServletException;
import jakarta.servlet.annotation.WebServlet;
import jakarta.servlet.http.HttpServletRequest;
import jakarta.servlet.http.HttpServletResponse;

@WebServlet("/index")
public class Login extends HttpServelet
{
	protected void service(HttpServletRequest request,HttpServletResponse response)throws ServletException,IOException
	{
			String myemail=request.getParameter("email1");
			String mypass=request.getParameter("pass1");

			PrintWriter out=response.getWriter();

			if(myemail.equals("mohitekaran18@gmail.com") && mypass.equals("karan123"))
			{
					request.setAttribute("name_key","karan mohite");
					RequstDispatcher rd=(RequstDispatcher) request.getRequestDispatcher("/profile.jsp");
					rd.forward(request,response);
			}
			else
			{
					response.setContentType("text/html");
					out.print(" <h3 style='color:red'> Email id and password didnt matched </h3>");
					RequestDispatcher rd=request.getRequestDispatcher("/login.html");
					rd.include(request,response);
			}

	}
}
```

Login.html

```html
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
        <form action="index" method="post">
                <input type="text" name="email1" placeholder="Enter Email"><br><br>
                <input type="password" name="pass1" placeholder="Enter
Password"><br><br>
                <input type="submit" value="Login"><br><br>
        </form>
</body>
</html>
```

Profile.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
   pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
        <%
                String myname=(String)request.getAttribute("name_key");
        %>
        <h3>Welcome :<%=myname %></h3>
</body>
</html>
```