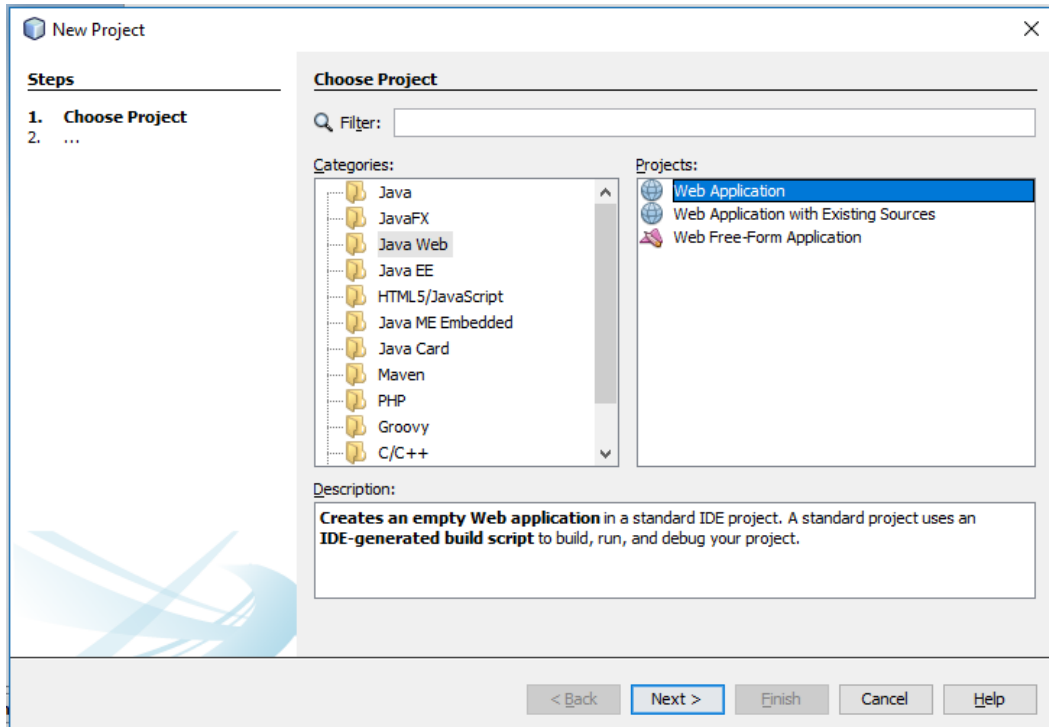


Praktikum Java Web

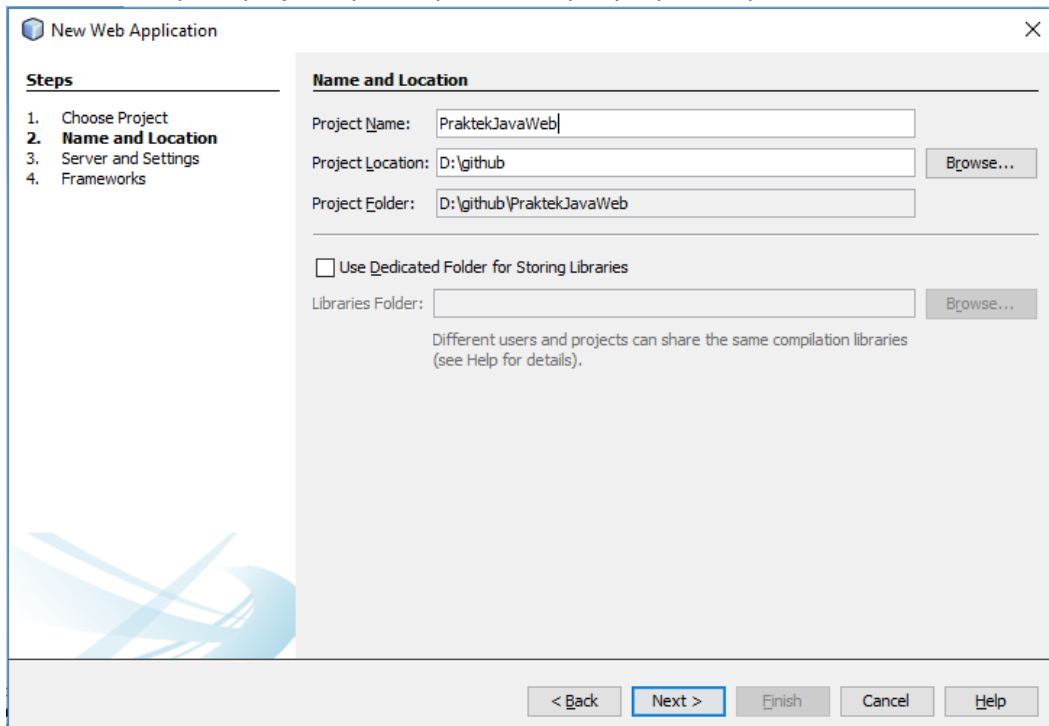
Modul 1

Membuat Project Java Web

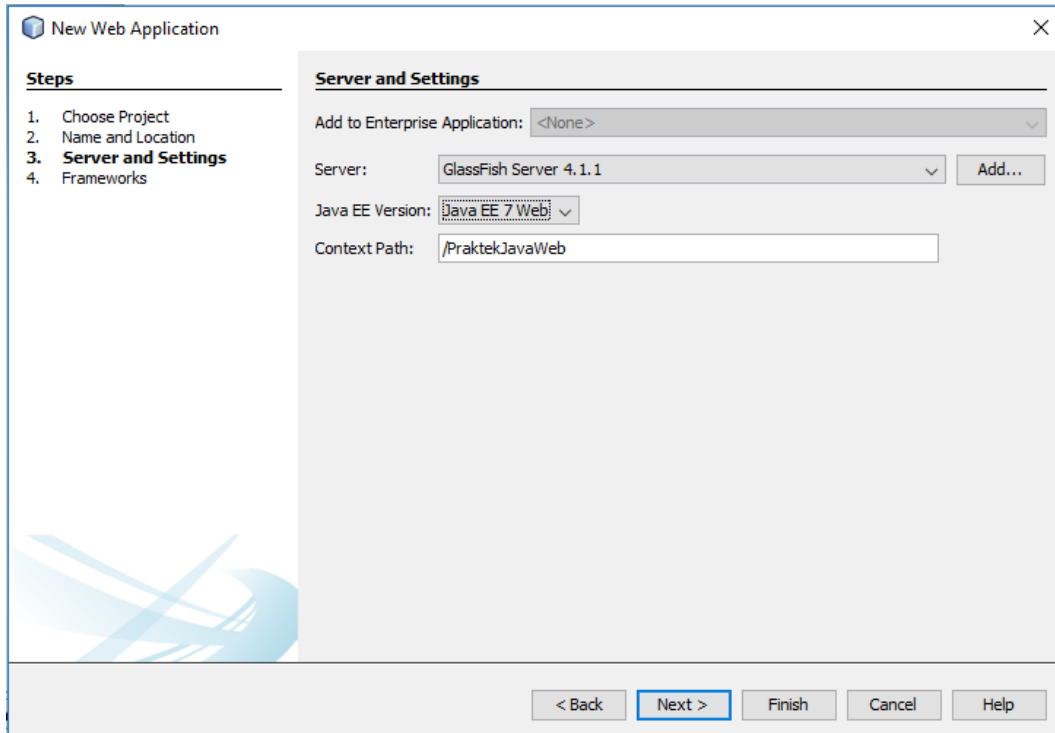
1. Buka NetBeans – File New Project – Java Web – Web Application



2. Berikan nama pada project nya dan pilih lokasi penyimpanannya



3. Pilih server dan versi java EE

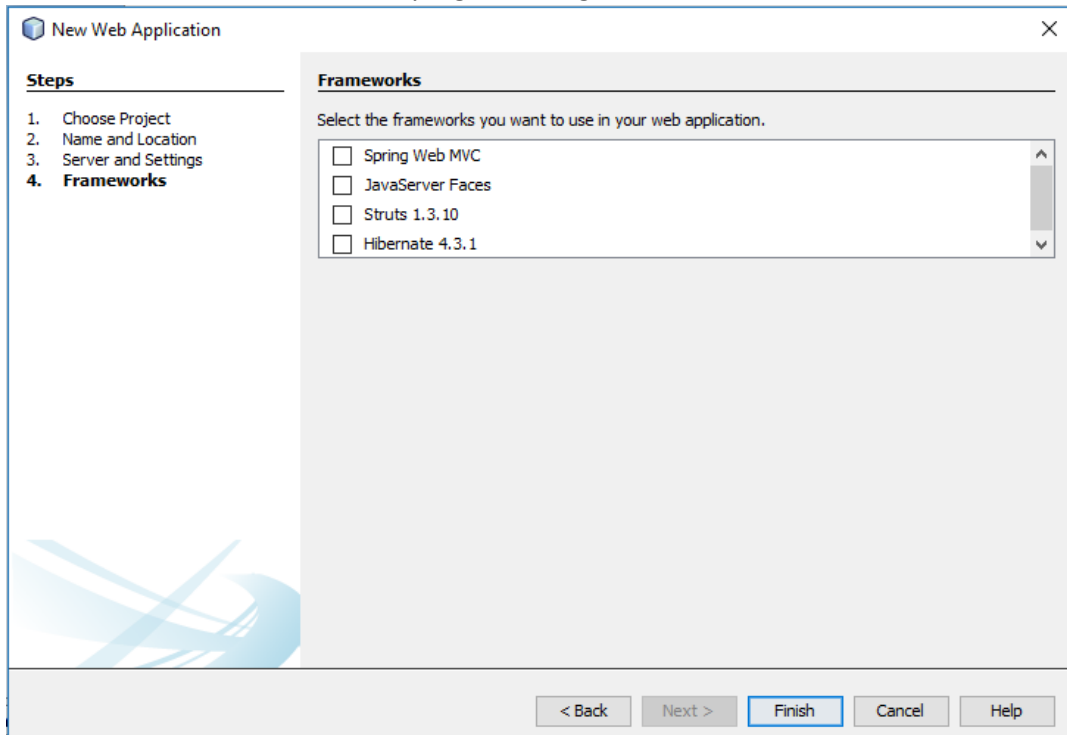


The screenshot shows the 'New Web Application' wizard at step 3, 'Server and Settings'. The 'Steps' list on the left includes: 1. Choose Project, 2. Name and Location, 3. **Server and Settings**, and 4. Frameworks. The main area contains the following settings:

- Add to Enterprise Application:** <None>
- Server:** GlassFish Server 4.1.1 (with an 'Add...' button)
- Java EE Version:** Java EE 7 Web (with a dropdown arrow)
- Context Path:** /PraktekJavaWeb

At the bottom, there are navigation buttons: '< Back', 'Next >', 'Finish', 'Cancel', and 'Help'. The 'Next >' button is highlighted with a blue border.

4. Pilihan framework tidak usah ada yang dicentang



The screenshot shows the 'New Web Application' wizard at step 4, 'Frameworks'. The 'Steps' list on the left includes: 1. Choose Project, 2. Name and Location, 3. Server and Settings, and 4. **Frameworks**. The main area contains the following settings:

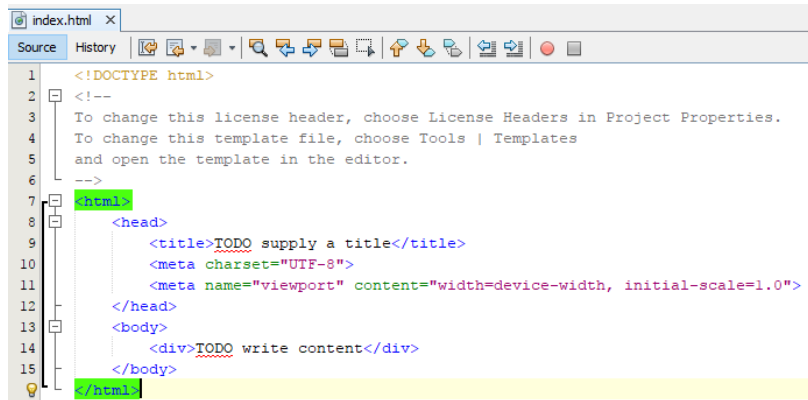
- Frameworks:** Select the frameworks you want to use in your web application.

A list of frameworks is shown with checkboxes:

- ☐ Spring Web MVC
- ☐ JavaServer Faces
- ☐ Struts 1.3.10
- ☐ Hibernate 4.3.1

At the bottom, there are navigation buttons: '< Back', 'Next >', 'Finish', 'Cancel', and 'Help'. The 'Finish' button is highlighted with a blue border.

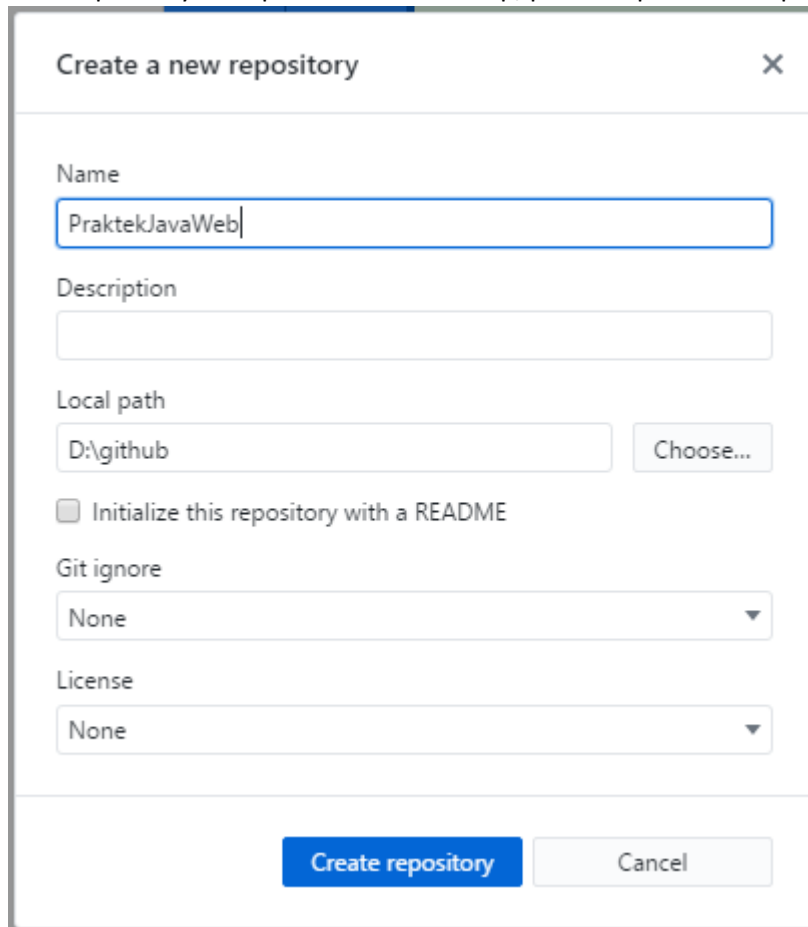
5. Halaman index.html



The screenshot shows a code editor window titled 'index.html'. The editor contains the following HTML code:

```
1 <!DOCTYPE html>
2 <!--
3 To change this license header, choose License Headers in Project Properties.
4 To change this template file, choose Tools | Templates
5 and open the template in the editor.
6 -->
7 <html>
8 <head>
9 <title>TODO supply a title</title>
10 <meta charset="UTF-8">
11 <meta name="viewport" content="width=device-width, initial-scale=1.0">
12 </head>
13 <body>
14 <div>TODO write content</div>
15 </body>
16 </html>
```

6. Buat repository baru pada GitHub Desktop, pastikan pada folder project yang sudah dibuat

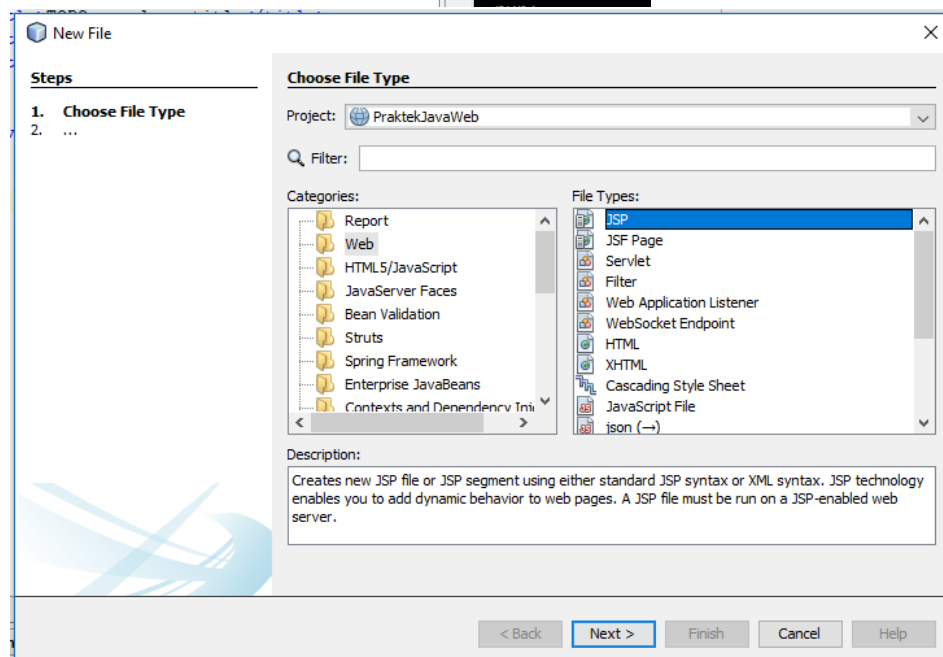
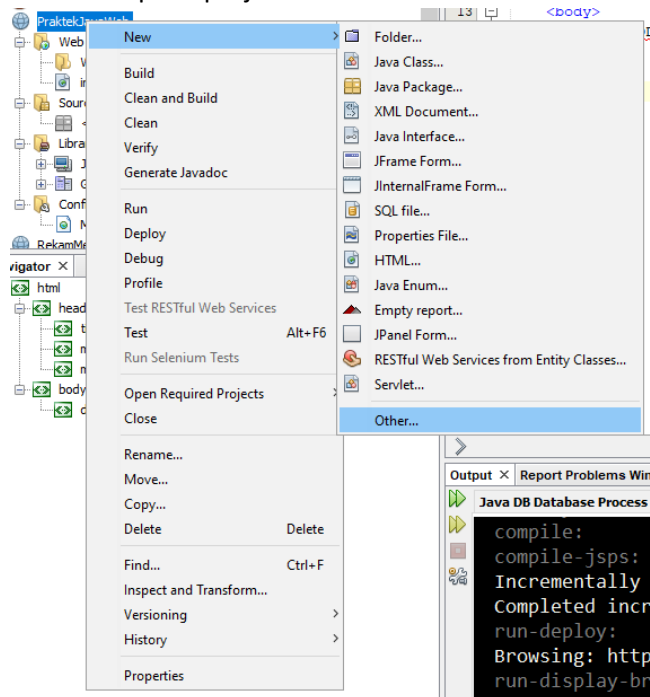


The screenshot shows the 'Create a new repository' dialog box in GitHub Desktop. The dialog has the following fields and options:

- Name:** A text input field containing 'PraktekJavaWeb'.
- Description:** An empty text input field.
- Local path:** A text input field containing 'D:\github', with a 'Choose...' button next to it.
- Initialize this repository with a README:** An unchecked checkbox.
- Git ignore:** A dropdown menu with 'None' selected.
- License:** A dropdown menu with 'None' selected.
- Buttons:** 'Create repository' (blue) and 'Cancel' (gray).

Membuat Form Pertama

1. Klik kanan pada project – New – Other.. – Web – JSP



2. Isi dengan nama index kemudian Finish

New JSP

Steps

1. Choose File Type
2. **Name and Location**

Name and Location

File Name:

Project:

Location:

Folder:

Created File:

Options:

☒ JSP File (Standard Syntax) ☐ Create as a JSP Segment

☐ JSP Document (XML Syntax)

Description:

A JSP file using JSP standard syntax.

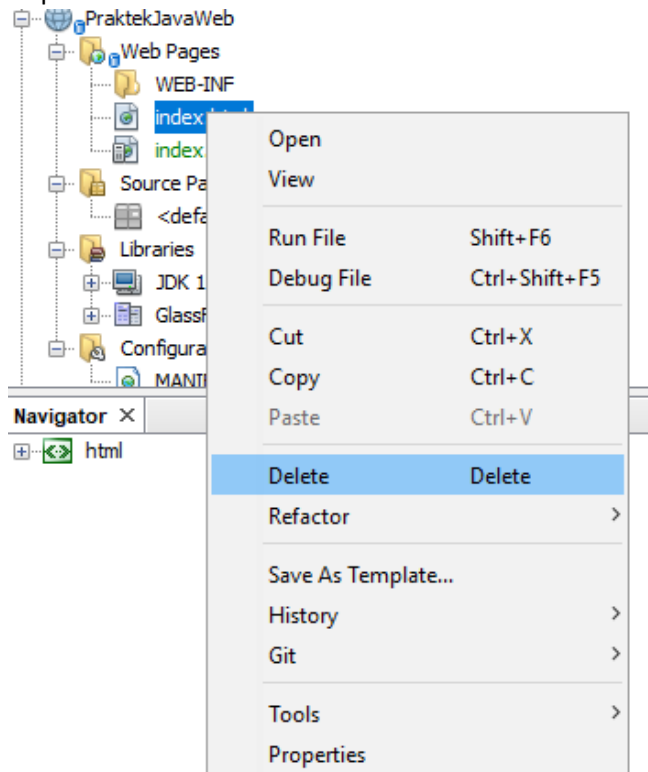
< Back Next > **Finish** Cancel Help

3. Hasil index.jsp

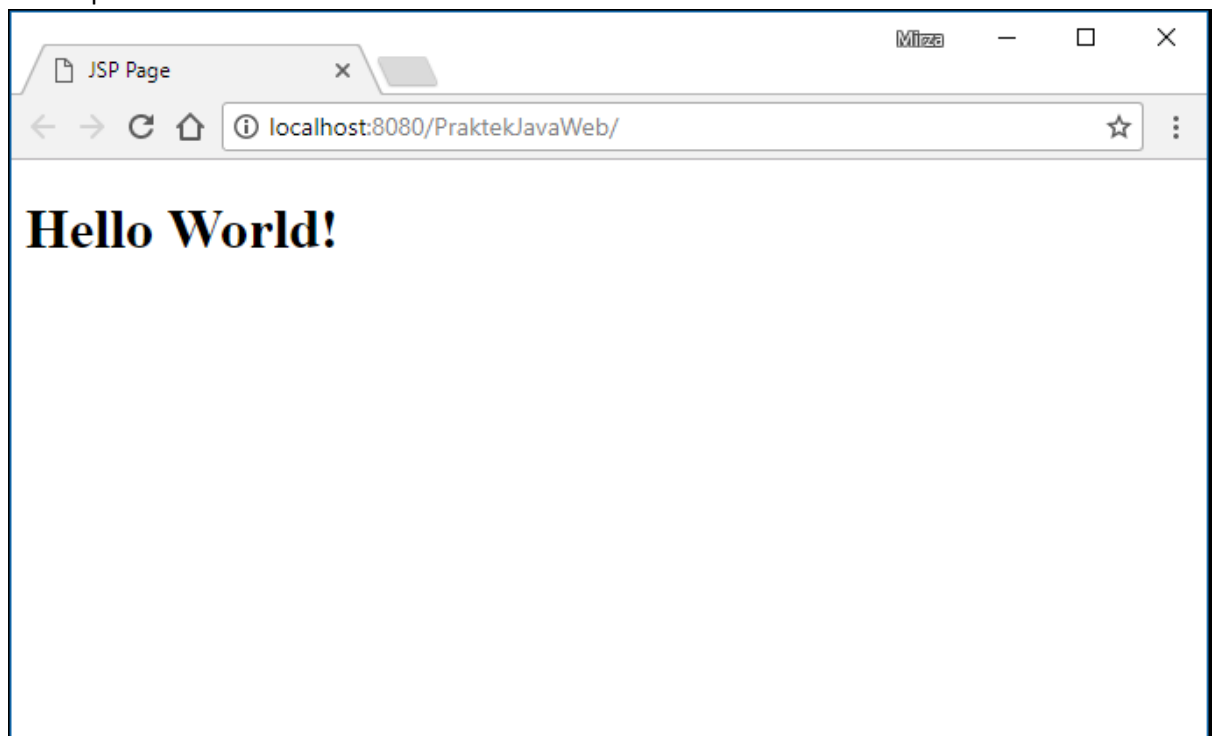
```
Document : index
Created on : Oct 19, 2017, 8:31:14 AM
Author : mirza

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>JSP Page</title>
</head>
<body>
<h1>Hello World!</h1>
</body>
</html>
```

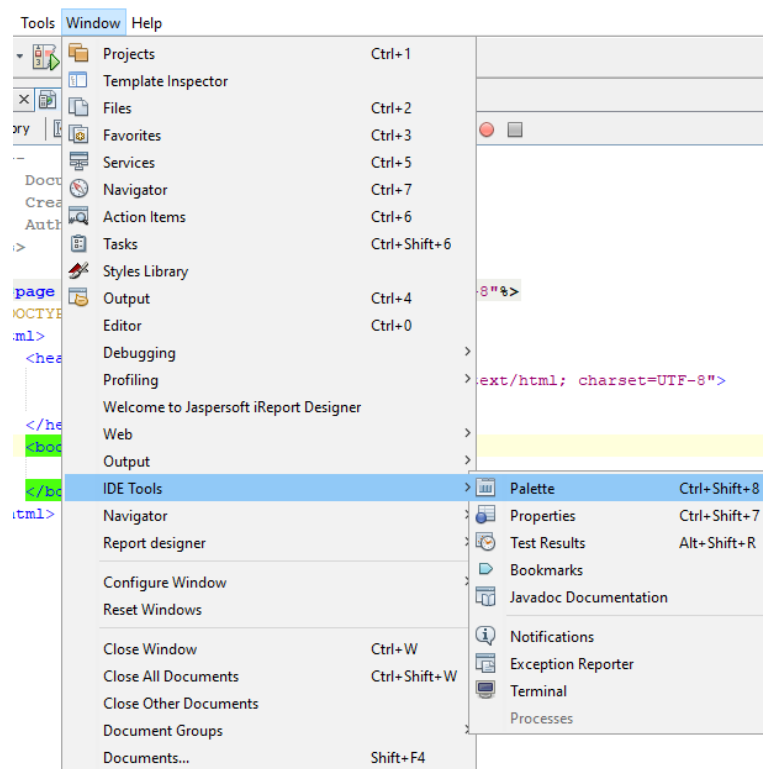
4. Hapus file index.html



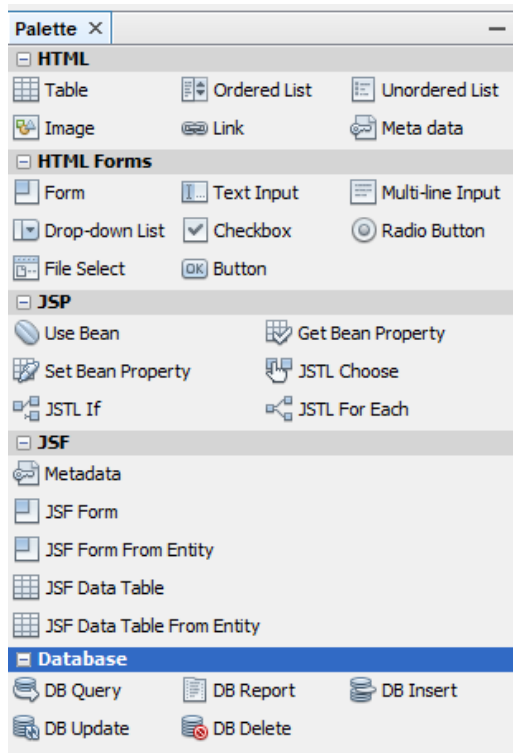
5. Commit pada GitHub dengan isi **“Membuat project baru”**
6. Jalankan Project dengan menekan tombol **F6**
7. Penampakan Hasil



8. Untuk mempermudah pembuatan komponen aktifkan Palette pada NetBeans dengan



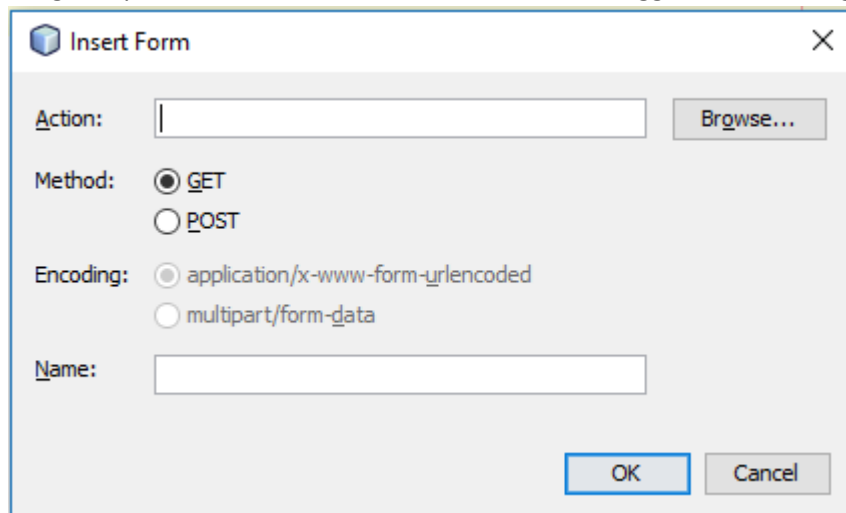
9. Penampakan Palette



10. Ganti Title dan H1

```
12      <title>Praktikum Java Web</title>
13    </head>
14    <body>
15      <h1>Form Pertama</h1>
16
17    </body>
18  </html>
```

11. Drag komponen form dari Palette ke bawah h1 sehingga muncul dialog berikut



Insert Form

Action: Browse...

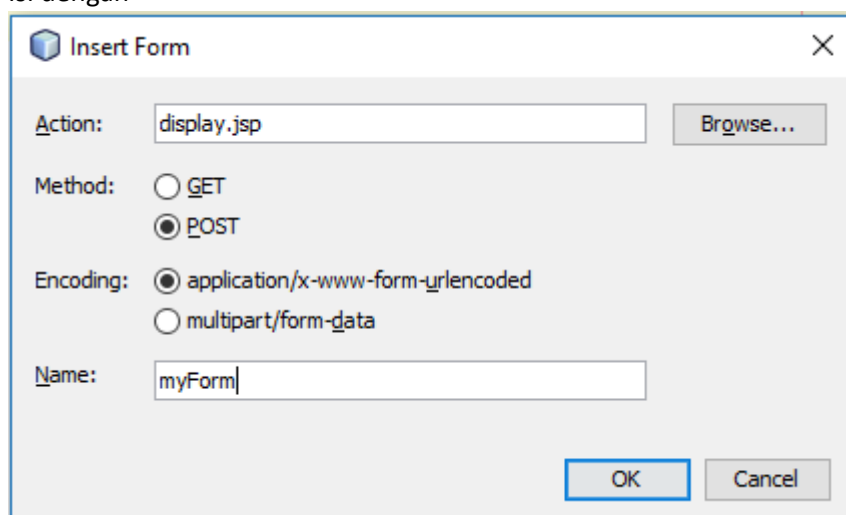
Method: ☒ GET ☐ POST

Encoding: ☒ application/x-www-form-urlencoded ☐ multipart/form-data

Name:

OK Cancel

12. Isi dengan



Insert Form

Action: Browse...

Method: ☐ GET ☒ POST

Encoding: ☒ application/x-www-form-urlencoded ☐ multipart/form-data

Name:

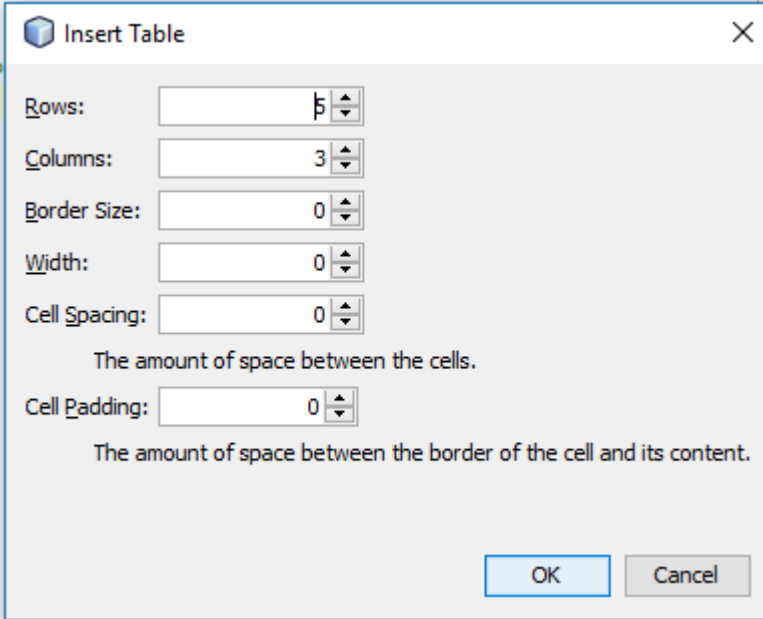
OK Cancel

13. Penampakan hasil Form

```
<body>
  <h1>Form Pertama</h1>
  <form name="myForm" action="display.jsp" method="POST">
  </form>
</body>
```

14. Commit di GitHub dengan isi **“Membuat form dalam java web”**

15. Drag komponen table kedalam form sehingga muncul dialog



The dialog box titled "Insert Table" contains several input fields with up and down arrows for adjustment:

- Rows: 5
- Columns: 3
- Border Size: 0
- Width: 0
- Cell Spacing: 0
- Cell Padding: 0

Below the inputs, there are two explanatory lines:

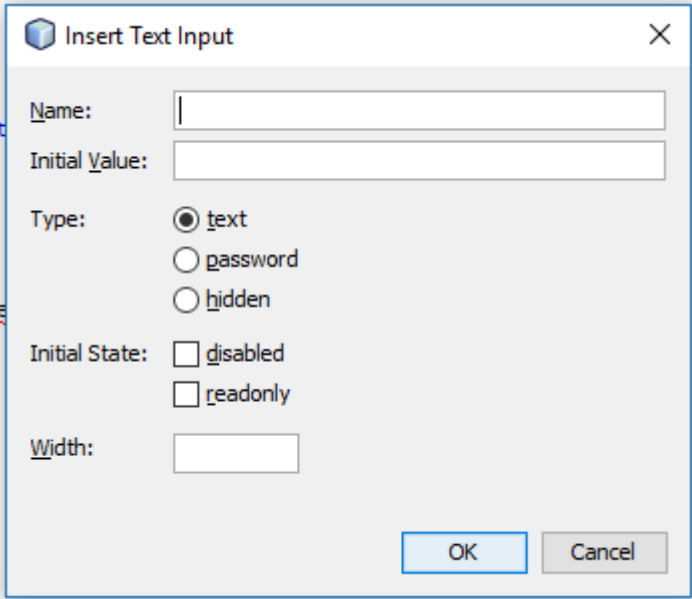
- "The amount of space between the cells." (referring to Cell Spacing)
- "The amount of space between the border of the cell and its content." (referring to Cell Padding)

At the bottom right, there are "OK" and "Cancel" buttons.

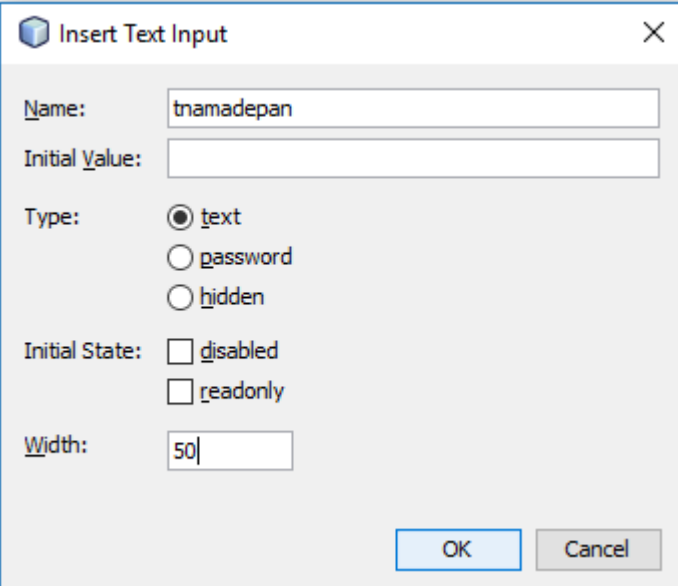
16. Isi table dengan

```
<table border="0">
  <tbody>
    <tr>
      <td>Nama Depan</td>
      <td>:</td>
      <td></td>
    </tr>
    <tr>
      <td>Nama Belakang</td>
      <td>:</td>
      <td></td>
    </tr>
    <tr>
      <td>Email</td>
      <td>:</td>
      <td></td>
    </tr>
    <tr>
      <td>Jenis Kelamin</td>
      <td>:</td>
      <td></td>
    </tr>
    <tr>
      <td>Tanggal Lahir</td>
      <td>:</td>
      <td></td>
    </tr>
  </tbody>
</table>
```

17. Tambahkan komponen Text Input dengan drag kedalam source code hingga muncul



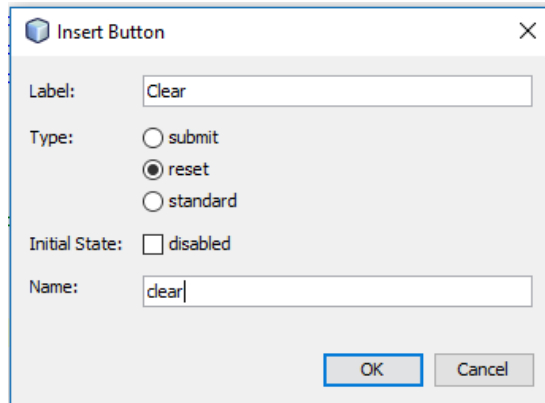
18. Isikan dengan



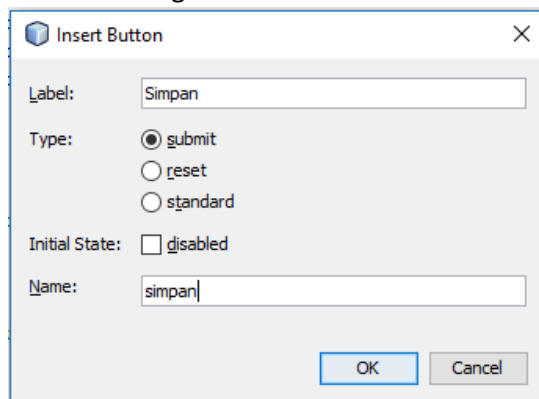
19. Lanjutkan untuk nama belakang dan email
20. Untuk jenis kelamin gunakan komponen “**Drop-down List**” berikut hasilnya

```
<td>Jenis Kelamin</td>
<td>:</td>
<td><select name="jk">
    <option>LAKI-LAKI</option>
    <option>PEREMPUAN</option>
</select></td>
```

21. Tambahkan button



22. Dan button lagi

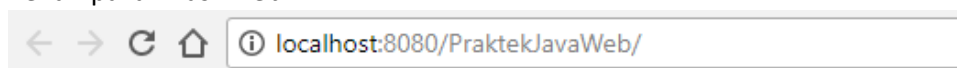


23. Hasil akhir

```
48 </table>
49 <input type="reset" value="Clear" name="clear" />
50 <input type="submit" value="Simpan" name="simpan" />
51 </form>
52 </body>
53 </html>
```

24. Commit dengan isian “Melengkapi komponen”

25. Penampakan hasil web

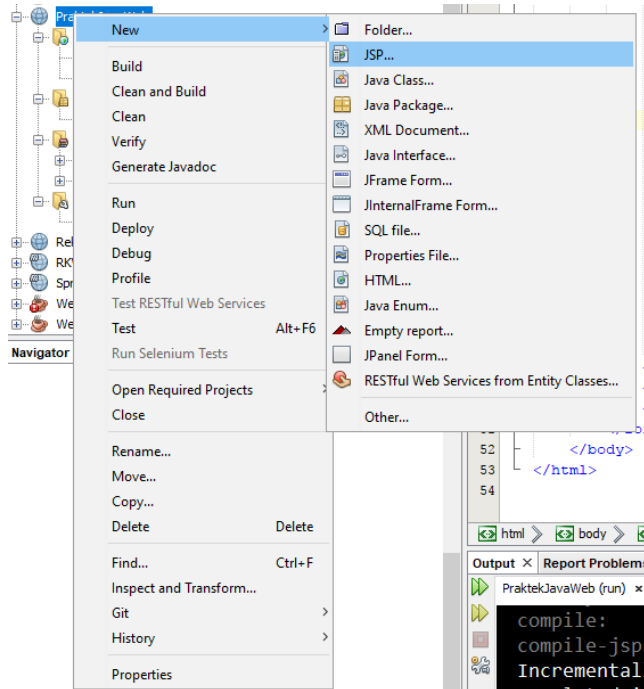


Form Pertama

Nama Depan :	<input type="text"/>
Nama Belakang :	<input type="text"/>
Email :	<input type="text"/>
Jenis Kelamin :	<input type="text" value="LAKI-LAKI"/>
Tanggal Lahir :	<input type="text" value="mm/dd/yyyy"/>
<input type="button" value="Clear"/> <input type="button" value="Simpan"/>	

Membuat Form Display

1. Buat JSP baru



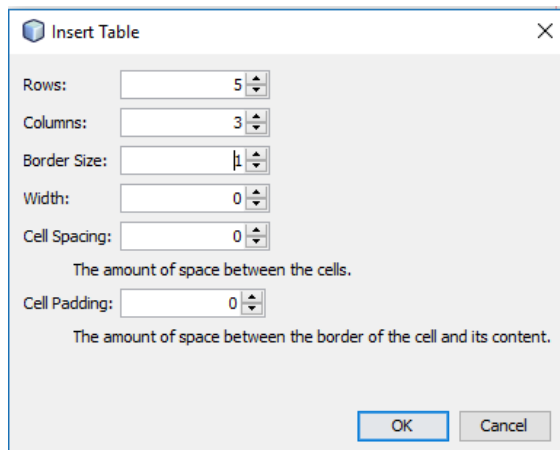
2. Commit dengan isian **Membuat file display.jsp**

3. Isi dengan code berikut

```
<body>
  <h1>Display</h1>
  <%
    String namaDepan = request.getParameter("tnamadepan");
    String namaBelakang = request.getParameter("tnamabelakang");
    String email = request.getParameter("temail");
    String jk = request.getParameter("jk");
    String tanggalLahir = request.getParameter("ttanggallahir");
  %>
  |
</body>
```

4. Commit dengan isian **"Membuat variabel untuk mengambil data"**

5. Buat table baru



6. Penampakan hasil table

```
<table border="1">
  <thead>
    <tr>
      <th></th>
      <th></th>
      <th></th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td></td>
      <td></td>
      <td></td>
    </tr>
    <tr>
      <td></td>
      <td></td>
      <td></td>
    </tr>
    <tr>
      <td></td>
      <td></td>
      <td></td>
    </tr>
    <tr>
      <td></td>
      <td></td>
      <td></td>
    </tr>
  </tbody>
</table>
</body>
</html>
```

7. Hapus thead kemudian isi dengan code berikut

```
<table border="1">
  <tbody>
    <tr>
      <td>Nama Depan</td>
      <td>:</td>
      <td><%= namaDepan %></td>
    </tr>
    <tr>
      <td>Nama Belakang</td>
      <td>:</td>
      <td><%= namaBelakang %></td>
    </tr>
    <tr>
      <td>Email</td>
      <td>:</td>
      <td><%= email %></td>
    </tr>
    <tr>
      <td>Jenis Kelamin</td>
      <td>:</td>
      <td><%= jk %></td>
    </tr>
    <tr>
      <td>Tanggal Lahir</td>
      <td>:</td>
      <td><%= tanggalLahir %></td>
    </tr>
  </tbody>
</table>
```

8. Commit dengan isian **“Membuat table hasil dari submit”**