

Modul 3

Buat view buku – Buat controller

Buat File Blade View input Buku

- Buat folder 'buku' pada folder 'resources\views\'
- Simpan pada folder 'resources\views\buku' dengan nama file 'add.blade.php'
 - C:\framework\perpus\resources\views\buku\add.blade.php

```
resources > views > buku > add.blade.php
```

```
1  <!DOCTYPE html>
2  <html>
3  |   <head><title>Tambah Buku</title></head>
4  <body>
5  <form action="{{ url('buku/save') }}" method="post" accept-charset="utf-8">
6  @csrf
7  |   <input type="hidden" name="id" value="" />
8  |   <input type="hidden" name="is_update" value="{{ $is_update }}" />
9  |   Judul : <input type="text" name="Judul" value="" size='50' maxlength='100' />
10 |   <br/><br/>Pengarang : <input type="text" name="Pengarang" value="" size='50' maxlength='150' />
11 |   <br/><br/>Kategori : <select name="Kategori">
12 |       @foreach ($optkategori as $key => $value)
13 |       |   <option value="{{ $key }}">{{ $value }}</option>
14 |       @endforeach
15 |   </select>
16 |   <br/><br/><input type="submit" name="btn_simpan" value="Simpan" />
17 </form>
18 <br/><a href="{{ url('buku') }}">Kembali</a>
19 </body>
20 </html>
```

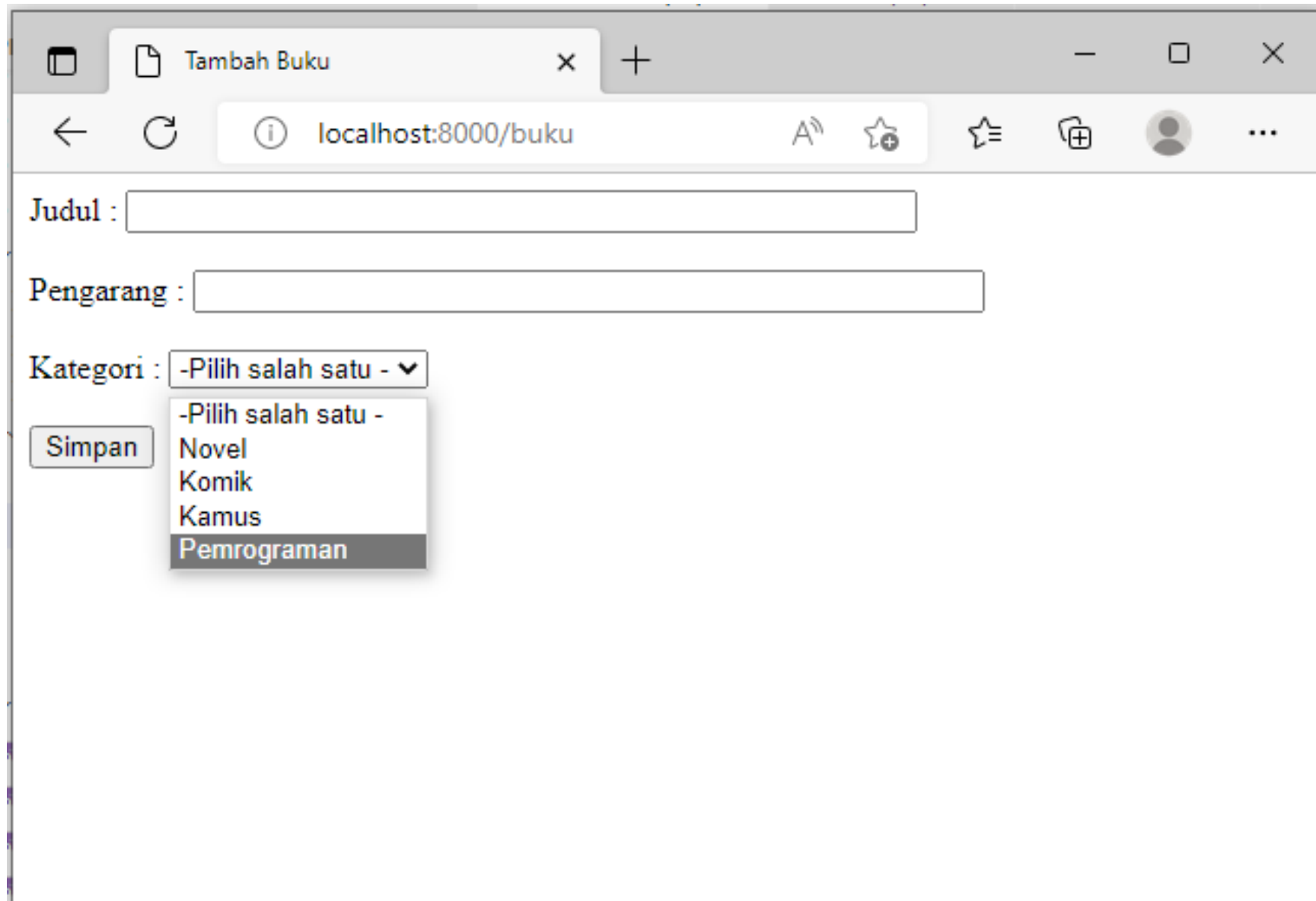
Coba akses view dengan Tambah route '/buku'

- Buka file **web.php** yang ada di folder:
 - C:\framework\perpus\routes\web.php
- Tambahkan baris berikut:

```
23 use App\Http\Controllers\InfoController;  
24 Route::get('/info/{kd}', [InfoController::class, 'infoMhs']);  
25  
26 Route::get('/buku', function () {  
27     return view('buku.add',[  
28         'is_update' => 0,  
29         'optkategori' => [  
30             '' => '-Pilih salah satu -',  
31             'novel' => 'Novel',  
32             'komik' => 'Komik',  
33             'kamus' => 'Kamus',  
34             'program' => 'Pemrograman'  
35         ]  
36     ]);  
37 });
```

- Simpan file
- Akses halaman web melalui url: <http://localhost:8000/buku>

Tampilan view halaman input buku



The screenshot shows a web browser window with a single tab titled "Tambah Buku". The address bar displays "localhost:8000/buku". The form contains three input fields: "Judul :", "Pengarang :", and "Kategori :". The "Kategori :" field is a dropdown menu with a list of options: "-Pilih salah satu -", "Novel", "Komik", "Kamus", and "Pemrograman". A "Simpan" button is located to the left of the dropdown menu.

Judul :

Pengarang :

Kategori :


- Pilih salah satu -
- Novel
- Komik
- Kamus
- Pemrograman

Buat Controller Buku (1)

- Buat file controller **BukuController.php** menggunakan artisan:

```
PS C:\framework\perpus> c:\xampp\php\php artisan make:controller BukuController
Controller created successfully.
PS C:\framework\perpus> █
```

Hasil generate menggunakan artisan:

```
app > Http > Controllers >  BukuController.php
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6
7  class BukuController extends Controller
8  {
9      //
10 }
11
```

Tambah method ke Controller Buku


- Tambahkan method berikut ke dalam controller:
 - __construct()
 - index()
 - add_new()
 - save()
 - edit()
 - Delete()

- Contoh:

10	public function index()
11	{
12	
13	}

Tambahkan juga untuk method yang lain

Edit file Controller Buku (1)

```
app > Http > Controllers >  BukuController.php
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6  use App\Models\Buku_m;
7
8  class BukuController extends Controller
9  {
10     var $data;
11
12     public function __construct()
13     {
14         $this->data['opt_kategori'] = [
15             '' => '-Pilih salah satu -',
16             'novel' => 'Novel',
17             'komik' => 'Komik',
18             'kamus' => 'Kamus',
19             'program' => 'Pemrograman'
20         ];
21     }
```

Edit file Controller Buku (2)

```
23     public function index(Buku_m $buku)
24     {
25         $data = [
26             'query' => $buku->get_records(),
27             'optkategori' => $this->data['opt_kategori']
28         ];
29         return view('buku.list', $data);
30     }
31
32     public function add_new()
33     {
34         $data = [
35             'is_update' => 0,
36             'optkategori' => $this->data['opt_kategori']
37         ];
38         return view('buku.add', $data);
39     }
```


Edit file Controller Buku (3)

```
41 public function save(Buku_m $buku, Request $request)
42 {
43     $data['Judul']      = $request->input('Judul');
44     $data['Pengarang']  = $request->input('Pengarang');
45     $data['Kategori']   = $request->input('Kategori');
46     $is_update = $request->input('is_update');
47
48     if($is_update==0)
49     {
50         if($buku->insert_record($data));
51         return redirect('buku');
52     }
53     else
54     {
55         $id=$request->input('id');
56         if($buku->update_by_id($data,$id));
57         return redirect('buku');
58     }
59 }
```

Edit file Controller Buku (4)

```
61     public function edit($id, Buku_m $buku)
62     {
63         $data = [
64             'query' => $buku->get_records($id)->first(),
65             'is_update' => 1,
66             'optkategori' => $this->data['opt_kategori']
67         ];
68         return view('buku.edit', $data);
69     }
70
71     public function delete($id, Buku_m $buku)
72     {
73         if($buku->delete_by_id($id))
74             return redirect('buku');
75     }
76
77 }
```

Modifikasi Route untuk Kelola Buku

- Lakukan modifikasi pada file route **web.php**
 - C:\framework\perpus\routes\web.php

```
25  /*
26  Route::get('/buku', function () {
27      return view('buku.add',[
28          'is_update' => 0,
29          'optkategori' => [
30              '' => '-Pilih salah satu -',
31              'novel' => 'Novel',
32              'komik' => 'Komik',
33              'kamus' => 'Kamus',
34              'program' => 'Pemrograman'
35          ]
36      ]));
37  });
38  */
39  use App\Http\Controllers\BukuController;
40  Route::get('/buku', [BukuController::class, 'index']);
41  Route::get('/buku/add', [BukuController::class, 'add_new']);
42  Route::post('/buku/save', [BukuController::class, 'save']);
43  Route::get('/buku/edit/{id}', [BukuController::class, 'edit']);
44  Route::get('/buku/delete/{id}', [BukuController::class, 'delete']);
```

Uji coba Tambah Data

- Akses web melalui alamat:
<http://localhost:8000/buku/add>
- Cobalah tambahkan beberapa data buku melalui form tersebut
- Lihat hasil penambahan data menggunakan PHPMYADMIN

Buat Blade View daftar buku untuk menampilkan data

- Buat file blade view tersebut pada folder :
 - C:\framework\perpus\resources\views\buku\list.blade.php



The screenshot shows a web browser window with the address bar displaying 'localhost:8000/buku'. The page content includes a link 'Tambah Buku' and a table with the following data:

No	Judul	Pengarang	Kategori	Aksi
1	Senja Kelabu 1	Mutia 1	Pemrograman	Edit Delete
2	Donald Bebek	disney	Komik	Edit Delete
3	UML	rosa	Pemrograman	Edit Delete
4	Pemrograman Web	April	Novel	Edit Delete
5	Pemrograman Web	April	Novel	Edit Delete

Skrip file Blade View daftar buku

- Script list.blade.php

resources > views > buku >  list.blade.php

```
1  <!DOCTYPE html>
2  <html>
3  |   <head><title>Tambah Buku</title></head>
4  <body>
5  <a href="{ { url('buku/add') } }">Tambah Buku</a><br/><br/>
6  <table border='1'>
7  |   <tr>
8  |       <th>No</th>
9  |       <th>Judul</th>
10 |       <th>Pengarang</th>
11 |       <th>Kategori</th>
12 |       <th>Aksi</th>
13 |   </tr>
14 @php
15 |     $no = 0;
16 @endphp
```

Skrip file Blade View daftar buku (lanjutan)

- Script list.blade.php

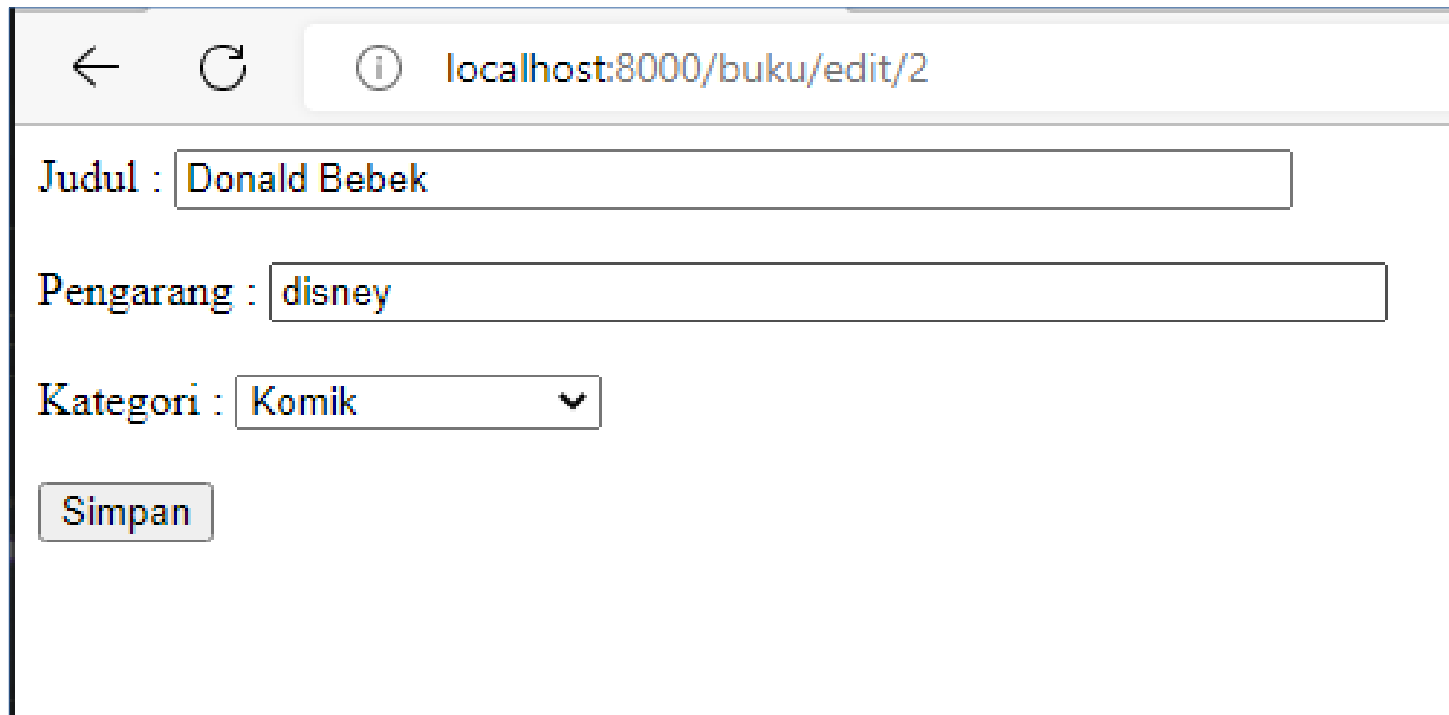
```
18 @foreach($query as $row)
19     @php
20         $no++;
21     @endphp
22     <tr>
23         <td>{{ $no }}</td>
24         <td>{{ $row['Judul'] }}</td>
25         <td>{{ $row['Pengarang'] }}</td>
26         <td>{{ $optkategori[$row['Kategori']] }}</td>
27         <td><a href={{ url('buku/edit/'. $row['ID_Buku']) }}>Edit</a>
28         <a href={{ url('buku/delete/'. $row['ID_Buku']) }}
29             onclick="return confirm('Yakin?')>Delete</a>
30     </td>
31 </tr>
32 @endforeach
33 </table>
34 </body>
35 </html>
```

Uji coba Tampil Data

- Akses web melalui alamat:
 - <http://localhost:8000/buku>

Buat Blade View Edit Buku

- Buat file blade view tersebut pada folder :
 - C:\framework\perpus\resources\views\buku\edit.blade.php



A screenshot of a web browser window displaying a book editing form. The browser's address bar shows the URL `localhost:8000/buku/edit/2`. The form contains three input fields: 'Judul' (Title) with the value 'Donald Bebek', 'Pengarang' (Author) with the value 'disney', and 'Kategori' (Category) with a dropdown menu currently showing 'Komik'. Below these fields is a 'Simpan' (Save) button.

← ↻ ⓘ localhost:8000/buku/edit/2

Judul :

Pengarang :

Kategori :

Skrip file Blade View edit buku

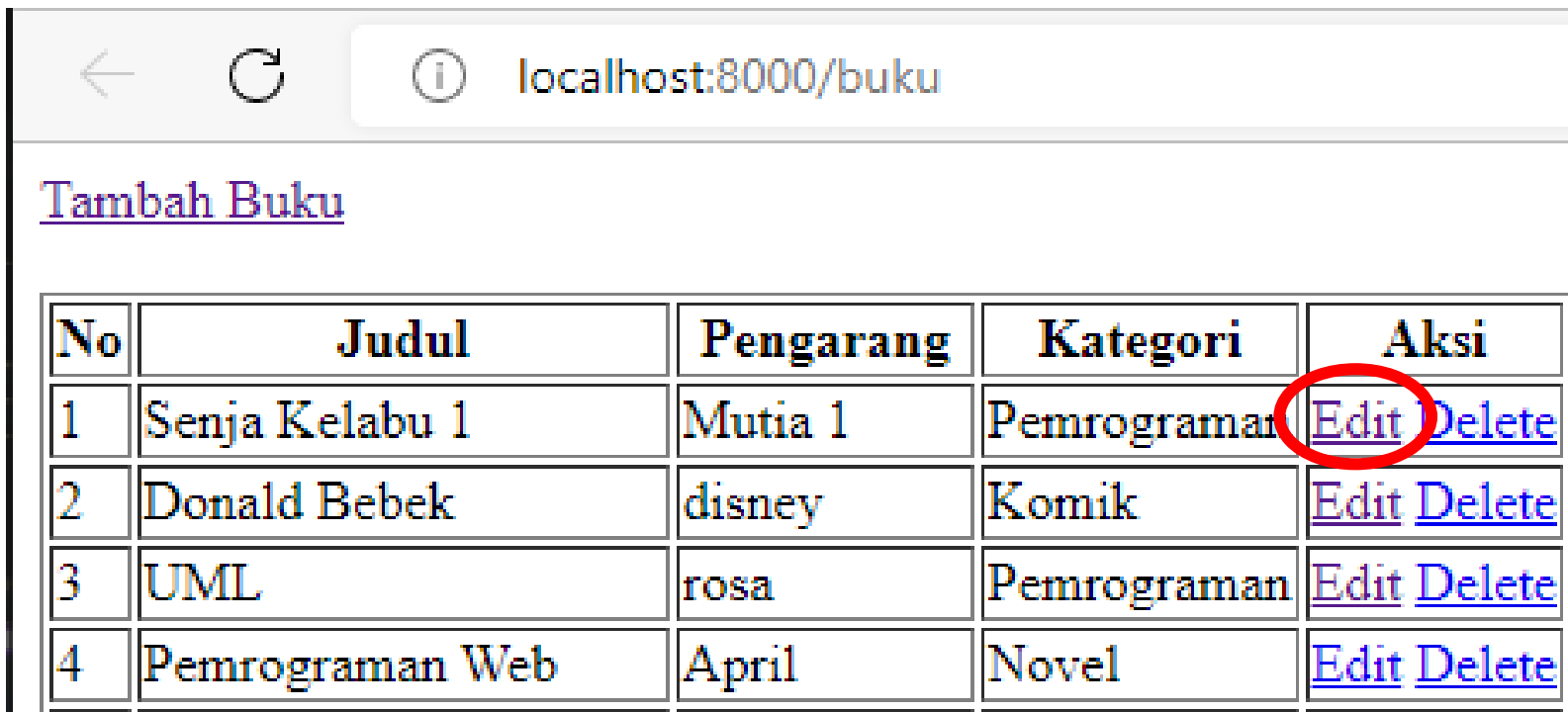
- Script edit.blade.php

resources > views > buku > edit.blade.php

```
1  <!DOCTYPE html>
2  <html>
3  |   <head><title>Edit Buku</title></head>
4  <body>
5  <form action="{{ url('buku/save') }}" method="post" accept-charset="utf-8">
6  @csrf
7  <input type="hidden" name="id" value="{{ $query->ID_Buku }}" />
8  <input type="hidden" name="is_update" value="{{ $is_update }}" />
9  Judul : <input type="text" name="Judul" value="{{ $query->Judul }}" size='50' maxlength='100' />
10 <br/><br/>Pengarang : <input type="text" name="Pengarang" value="{{ $query->Pengarang }}" size='50'
    maxlength='150' />
11 <br/><br/>Kategori : <select name="Kategori">
12 |   @foreach ($optkategori as $key => $value)
13 |       @if ($query->Kategori == $key)
14 |           <option value="{{ $key }}" selected>{{ $value }}</option>
15 |       @else
16 |           <option value="{{ $key }}">{{ $value }}</option>
17 |       @endif
18 |   @endforeach
19 </select>
20 <br/><br/><input type="submit" name="btn_simpan" value="Simpan" />
21 </form>
22 </body>
23 </html>
```

Uji coba Edit data

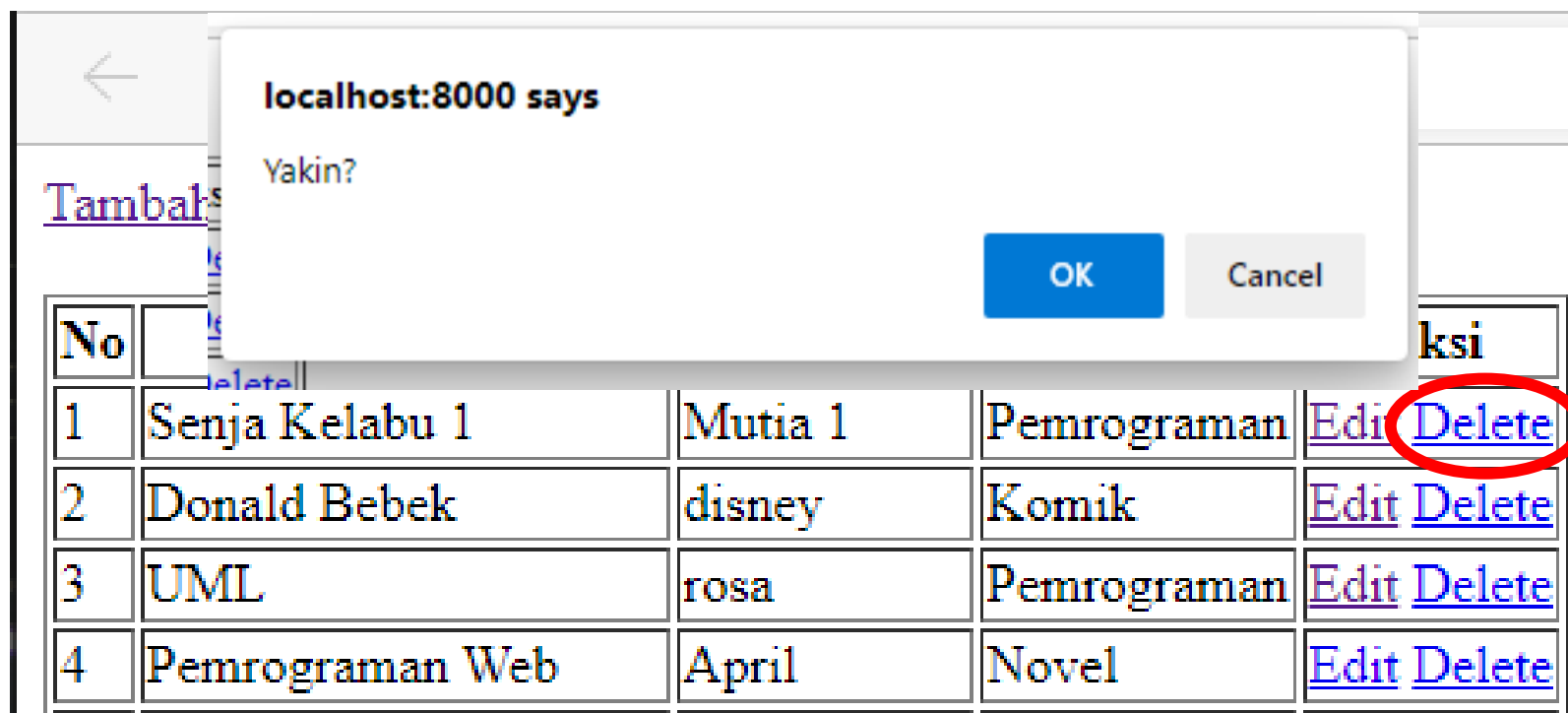
- Akses web melalui alamat:
 - `http://localhost:8000/buku`
- Pilih salah satu data untuk di edit, klik link edit



No	Judul	Pengarang	Kategori	Aksi
1	Senja Kelabu 1	Mutia 1	Pemrograman	Edit Delete
2	Donald Bebek	disney	Komik	Edit Delete
3	UML	rosa	Pemrograman	Edit Delete
4	Pemrograman Web	April	Novel	Edit Delete

Uji coba Delete data

- Akses web melalui alamat:
 - <http://localhost:8000/buku>
- Pilih salah satu data untuk di hapus, klik link hapus



The screenshot shows a web application interface with a confirmation dialog box overlaid on a table of book records. The dialog box, titled "localhost:8000 says", asks "Yakin?" (Sure?) and has "OK" and "Cancel" buttons. The table below has columns for "No", "Judul" (Title), "Penulis" (Author), "Kategori" (Category), and "Aksi" (Action). The first row, "Senja Kelabu 1" by Mutia 1 in the "Pemrograman" category, has its "Delete" link circled in red. The other rows are "Donald Bebek" (disney, Komik), "UML" (rosa, Pemrograman), and "Pemrograman Web" (April, Novel).

No	Judul	Penulis	Kategori	Aksi
1	Senja Kelabu 1	Mutia 1	Pemrograman	Edit Delete
2	Donald Bebek	disney	Komik	Edit Delete
3	UML	rosa	Pemrograman	Edit Delete
4	Pemrograman Web	April	Novel	Edit Delete