

TUGAS TEKNOLOGI WEB

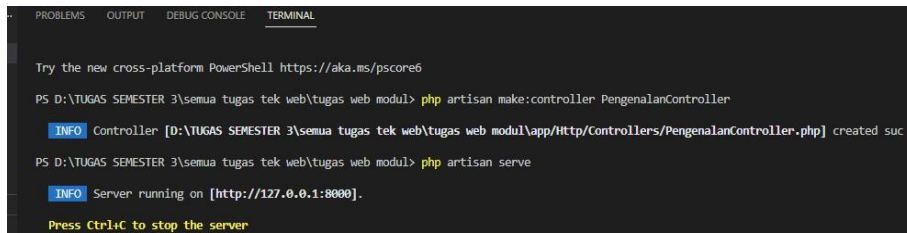


Disusun oleh :

Komang Juliana (2115101039)

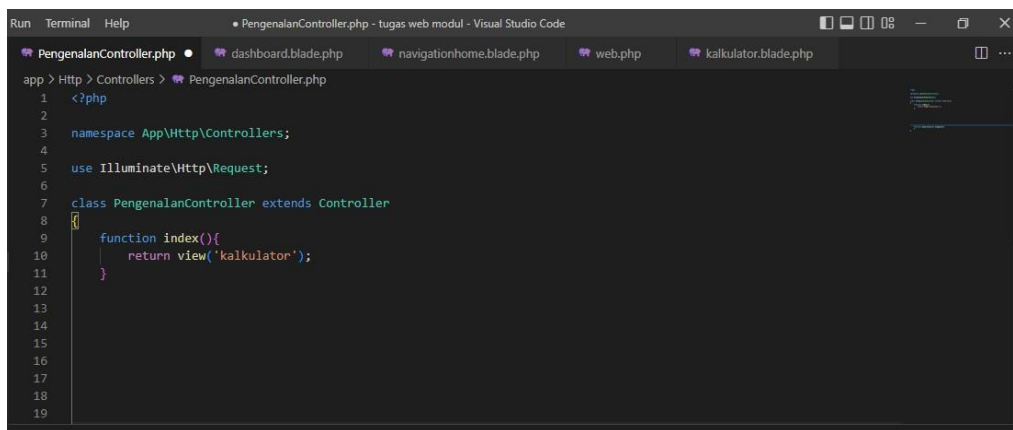
**UNIVERSITAS PENDIDIKAN GANESHA
SINGARAJA
2022**

Buat kontroler baru dengan nama pengenalan kontroler



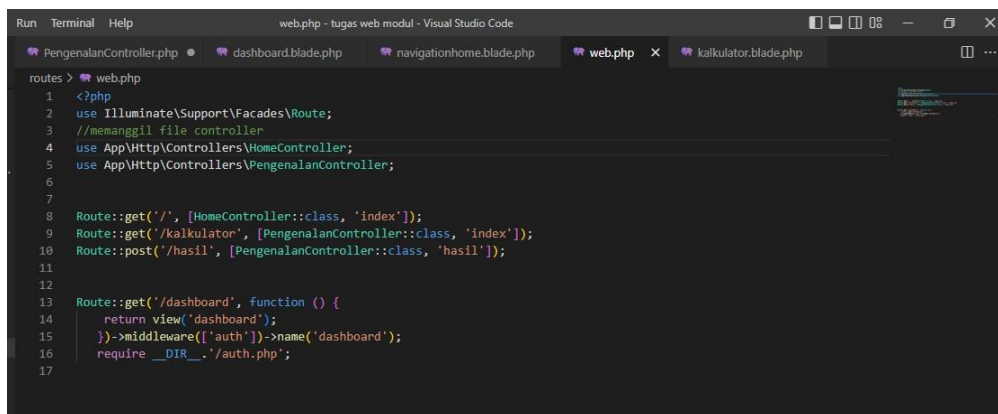
```
Try the new cross-platform PowerShell https://aka.ms/powershell
PS D:\TUGAS SEMESTER 3\semua tugas tek web\tugas web modul> php artisan make:controller PengenalanController
INFO Controller [D:\TUGAS SEMESTER 3\semua tugas tek web\tugas web modul\app\Http\Controllers\PengenalanController.php] created suc
PS D:\TUGAS SEMESTER 3\semua tugas tek web\tugas web modul> php artisan serve
INFO Server running on [http://127.0.0.1:8000].
Press Ctrl+C to stop the server
```

Buat file blade baru kemudian panggil di kontroler baru



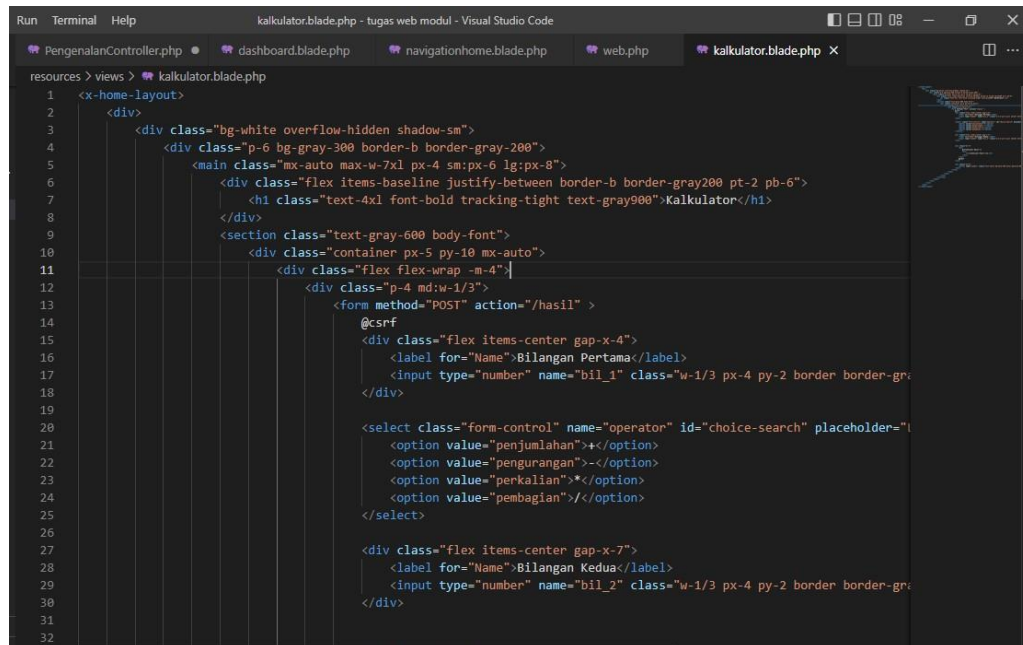
```
PengenalanController.php
app > Http > Controllers > PengenalanController.php
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use Illuminate\Http\Request;
6
7 class PengealanController extends Controller
8 {
9     function index(){
10         return view('kalkulator');
11     }
12
13
14
15
16
17
18
19
```

Jangan lupa panggil juga di route



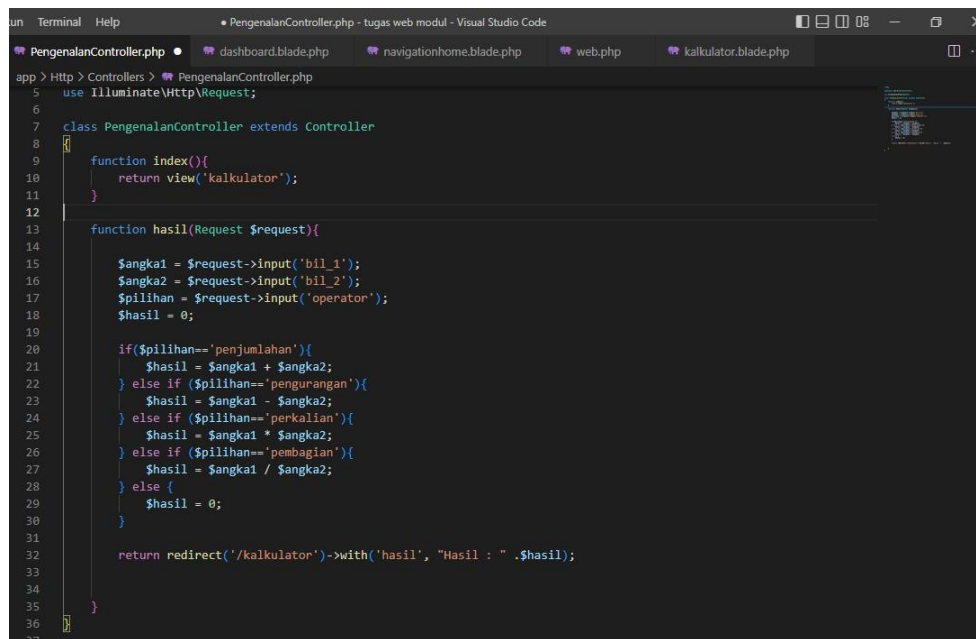
```
routes > web.php
1 <?php
2 use Illuminate\Support\Facades\Route;
3 //memanggil file controller
4 use App\Http\Controllers\HomeController;
5 use App\Http\Controllers\PengenalanController;
6
7
8 Route::get('/', [HomeController::class, 'index']);
9 Route::get('/kalkulator', [PengenalanController::class, 'index']);
10 Route::post('/hasil', [PengenalanController::class, 'hasil']);
11
12
13 Route::get('/dashboard', function () {
14     return view('dashboard');
15 })->middleware(['auth'])->name('dashboard');
16 require __DIR__.'/auth.php';
17
```

Berikut tampilan file blade baru yang saya buat



```
1 <x-home-layout>
2 <div>
3     <div class="bg-white overflow-hidden shadow-sm">
4         <div class="p-6 bg-gray-300 border-b border-gray-200">
5             <main class="mx-auto max-w-7xl px-4 sm:px-6 lg:px-8">
6                 <div class="flex items-baseline justify-between border-b border-gray-200 pt-2 pb-6">
7                     <h1 class="text-4xl font-bold tracking-tight text-gray-900">Kalkulator</h1>
8                 </div>
9                 <section class="text-gray-600 body-font">
10                    <div class="container px-5 py-10 mx-auto">
11                        <div class="flex flex-wrap -m-4">
12                            <div class="p-4 md:w-1/3">
13                                <form method="POST" action="/hasil" >
14                                    @csrf
15                                    <div class="flex items-center gap-x-4">
16                                        <label for="Name">Bilangan Pertama</label>
17                                        <input type="number" name="bil_1" class="w-1/3 px-4 py-2 border border-gray-200">
18                                    </div>
19
20                                    <select class="form-control" name="operator" id="choice-search" placeholder="Pilih Operator">
21                                        <option value="penjumlahan">+</option>
22                                        <option value="pengurangan">-</option>
23                                        <option value="perkalian">*</option>
24                                        <option value="pembagian">/</option>
25                                    </select>
26
27                                    <div class="flex items-center gap-x-7">
28                                        <label for="Name">Bilangan Kedua</label>
29                                        <input type="number" name="bil_2" class="w-1/3 px-4 py-2 border border-gray-200">
30                                    </div>
31                                </div>
32
```

Berikut rumus aritmatika mengenai penjumlahan, pengurangan, perkalian dan pembagian menggunakan Php.

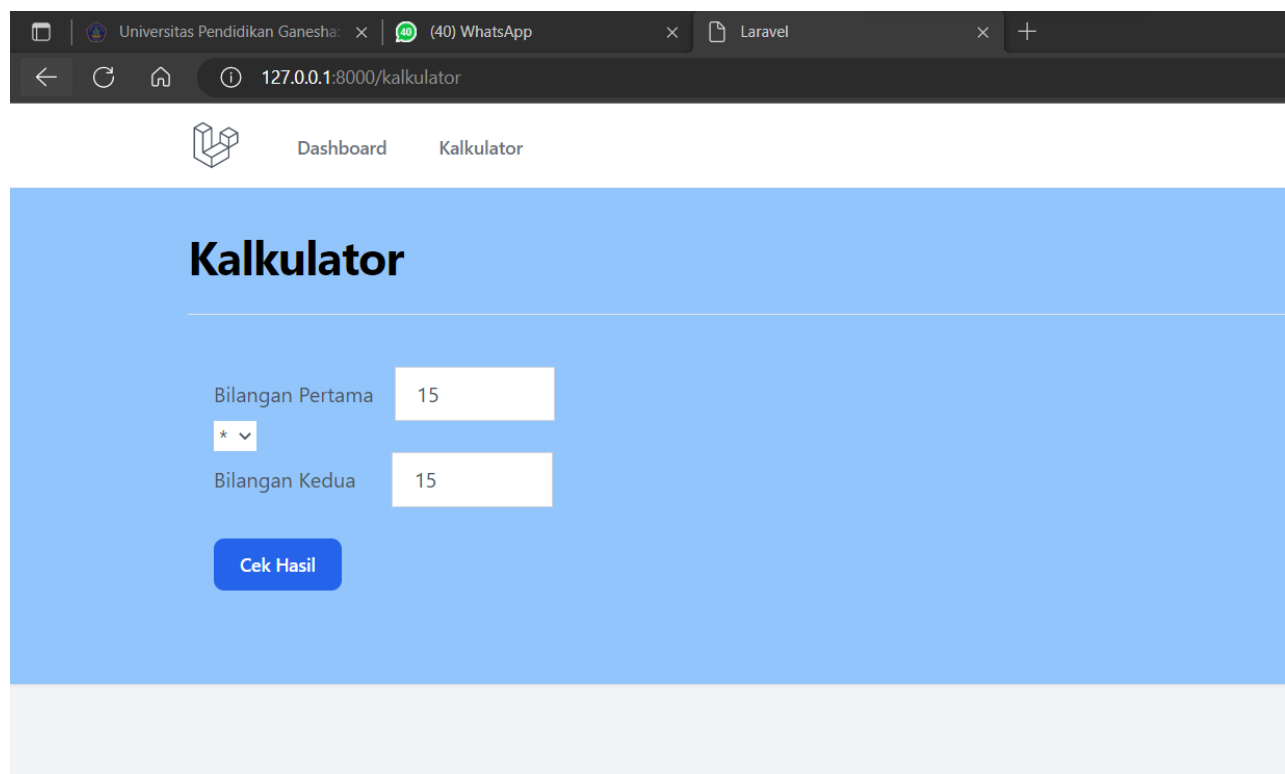


```
1 use Illuminate\Http\Request;
2
3 class PengendalianController extends Controller
4 {
5     function index(){
6         return view('kalkulator');
7     }
8
9     function hasil(Request $request){
10
11         $angka1 = $request->input('bil_1');
12         $angka2 = $request->input('bil_2');
13         $pilihan = $request->input('operator');
14         $hasil = 0;
15
16         if($pilihan=='penjumlahan'){
17             $hasil = $angka1 + $angka2;
18         } else if ($pilihan=='pengurangan'){
19             $hasil = $angka1 - $angka2;
20         } else if ($pilihan=='perkalian'){
21             $hasil = $angka1 * $angka2;
22         } else if ($pilihan=='pembagian'){
23             $hasil = $angka1 / $angka2;
24         } else {
25             $hasil = 0;
26         }
27
28         return redirect('/kalkulator')->with('hasil', "Hasil : " . $hasil);
29     }
30 }
31
```

Kemudian panggil rumus yang di buat tadi ke dalam file blade baru yang di buat

```
Run Terminal Help kalkulator.blade.php - tugas web modul - Visual Studio Code
PengenalanController.php • dashboard.blade.php • navigationhome.blade.php • web.php • kalkulator.blade.php x
resources > views > kalkulator.blade.php
28 <label for="Name">Bilangan Kedua</label>
29 <input type="number" name="bil_2" class="w-1/3 px-4 py-2 border border-gr
30 </div>
31
32
33 <div class="mt-4">
34 <div>
35 @if(session('hasil'))
36 <div>
37 <h1>{{session('hasil')}}</h1>
38 </div>
39 </div>
40 @endif
41 </div>
42
43 <div class="mt-6">
44 <button type="submit" class="text-white bg-blue-700 hover:bg-blue-800 focu
45 </div>
46 </form>
47 </div>
48 </div>
49 </div>
50 </section>
51 </main>
52 </div>
53 </div>
54 </div>
55 </x-home-layout>
```

Berikut tampilan dari web perhitungan arit matika sederhana yang sudah saya buat





Dashboard

Kalkulator

Kalkulator

Bilangan Pertama

+ v

Bilangan Kedua

Hasil : 225

Cek Hasil