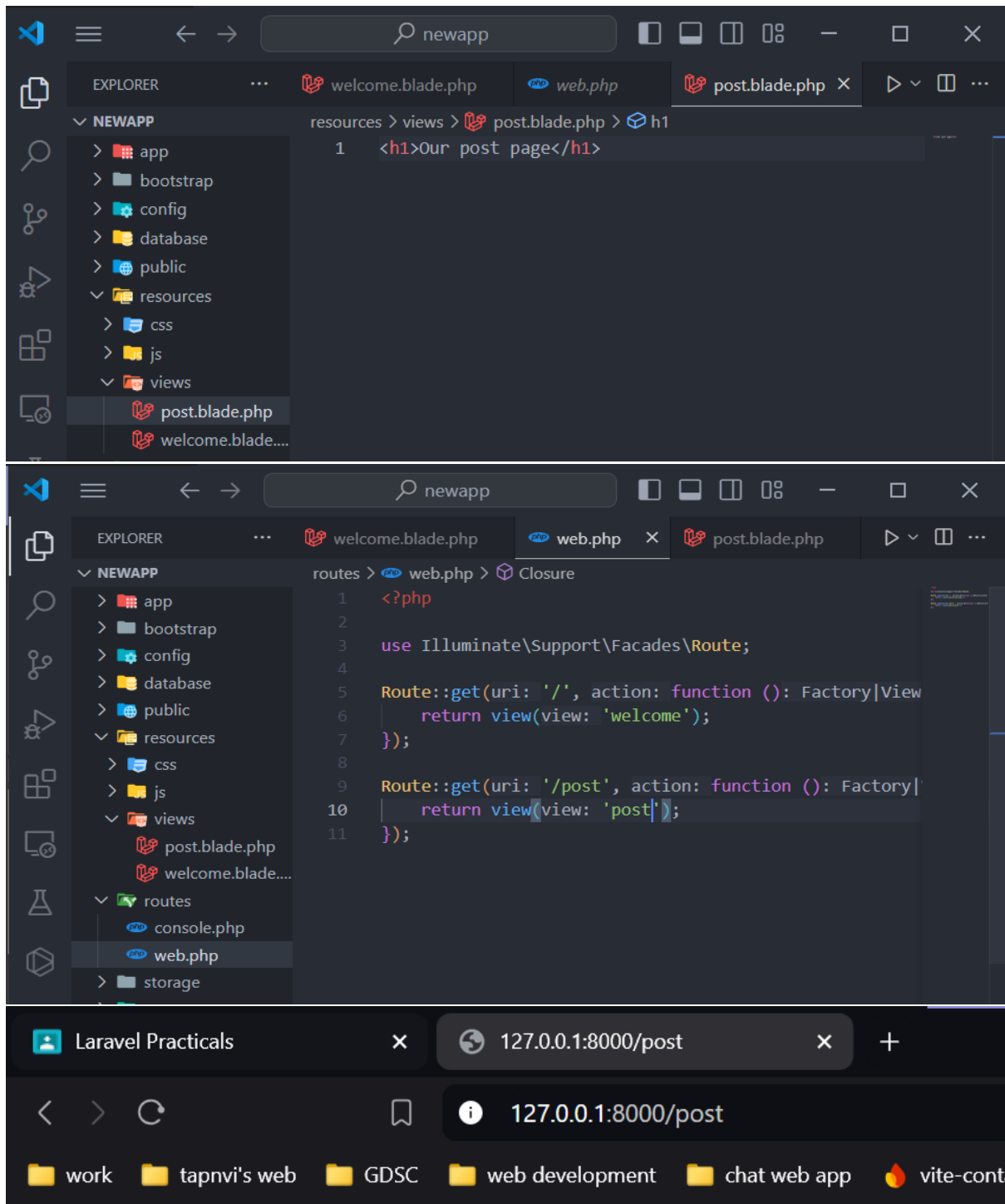
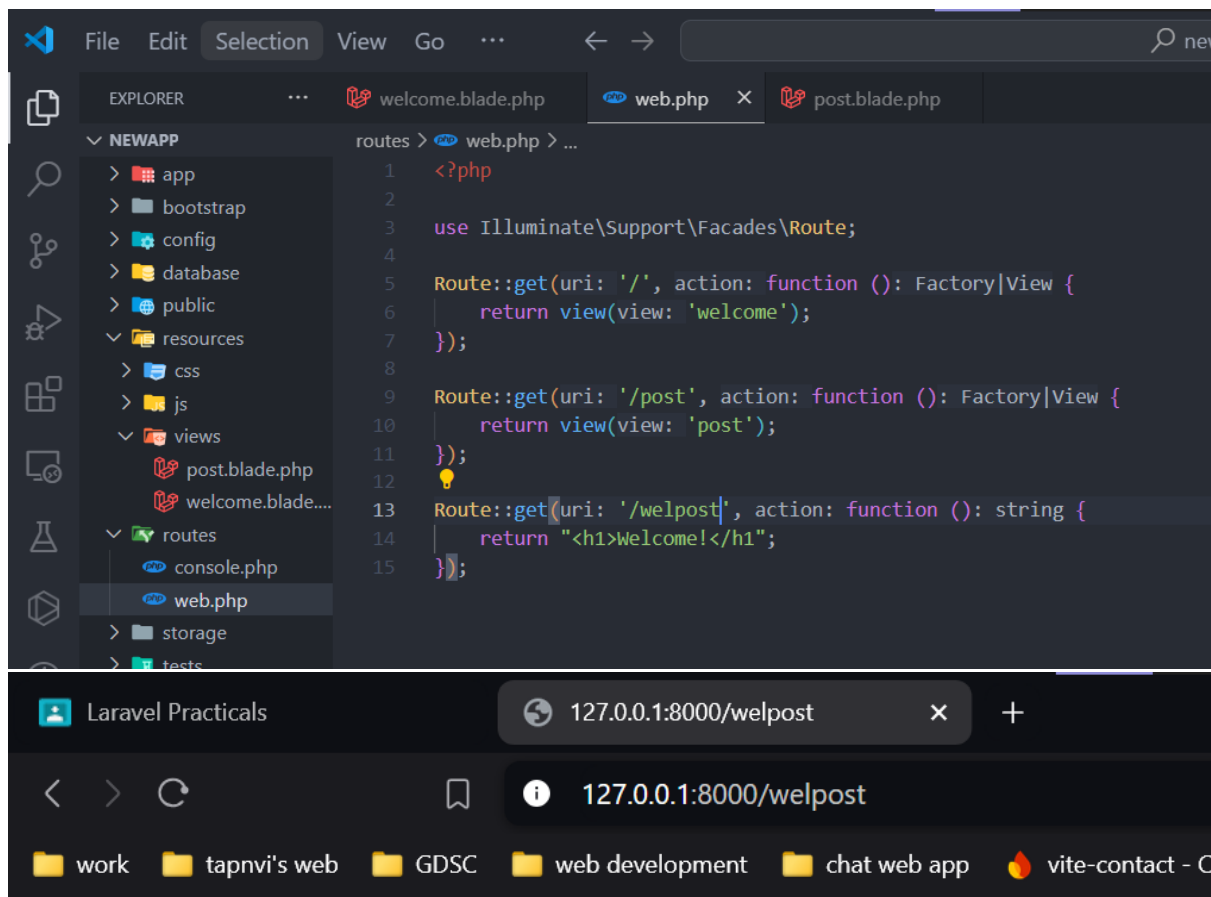


Our First page

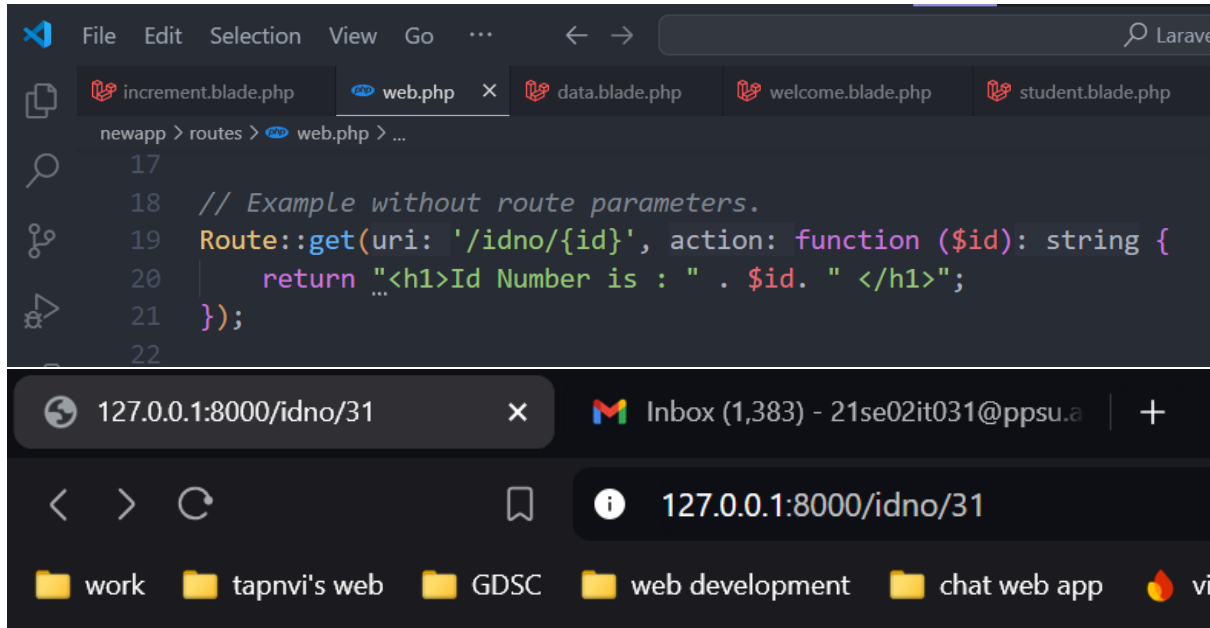


Our post page



Welcome!

Example without route parameters:



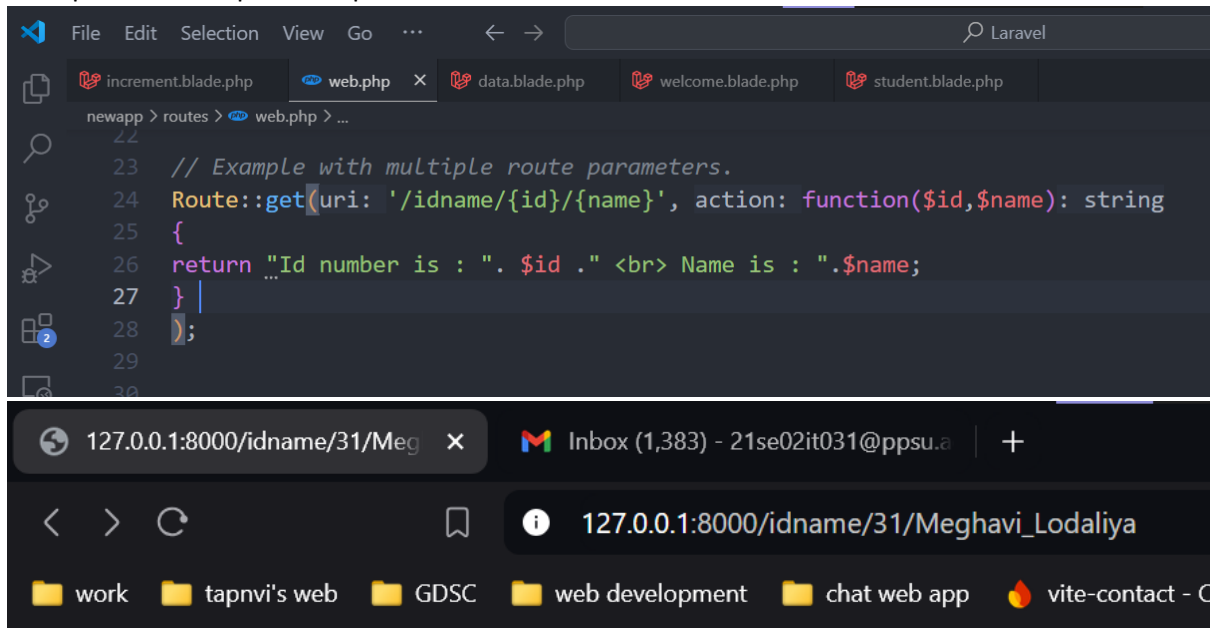
The screenshot shows a code editor with a file named `web.php` open. The code defines a route without parameters:

```
17  
18 // Example without route parameters.  
19 Route::get(uri: '/idno/{id}', action: function ($id): string {  
20     return "<h1>Id Number is : " . $id. " </h1>";  
21 });  
22
```

Below the code editor, a browser window is visible with the address bar showing `127.0.0.1:8000/idno/31`. The browser tabs include "Inbox (1,383) - 21se02it031@ppsua". The browser's address bar also shows `127.0.0.1:8000/idno/31`. The browser's bookmark bar shows folders like "work", "tapnvi's web", "GDSC", "web development", "chat web app", and "vite".

Id Number is : 31

Example with multiple route parameters:



The screenshot shows a code editor with a file named `web.php` open. The code defines a route with multiple parameters:

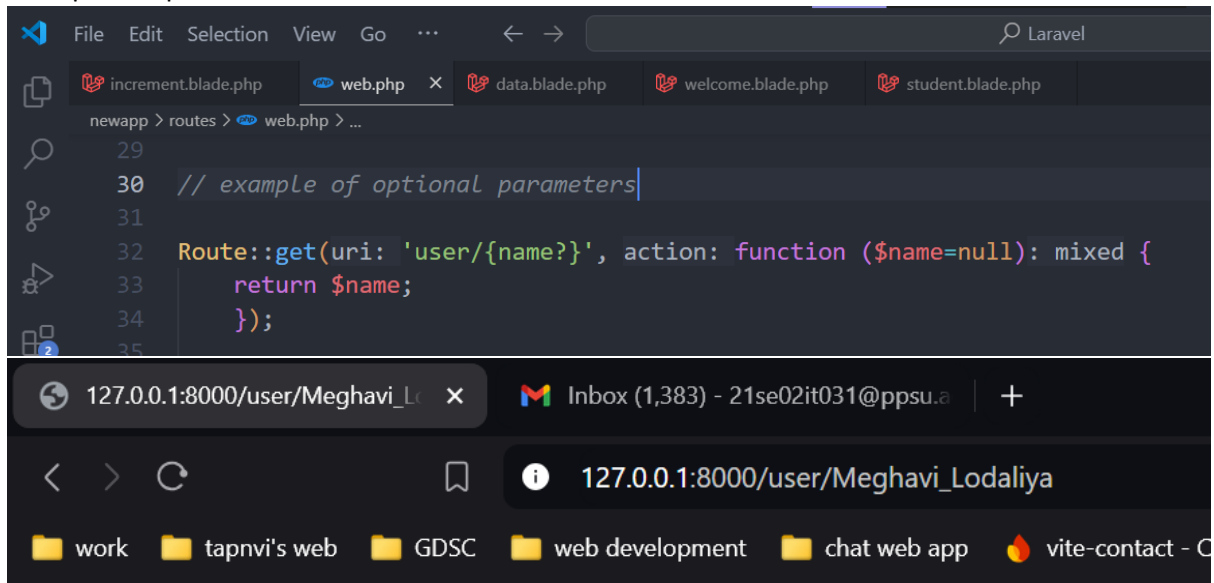
```
23 // Example with multiple route parameters.  
24 Route::get(uri: '/idname/{id}/{name}', action: function($id,$name): string  
25 {  
26     return "Id number is : ". $id ." <br> Name is : ".$name;  
27 }  
28 );  
29  
30
```

Below the code editor, a browser window is visible with the address bar showing `127.0.0.1:8000/idname/31/Meg`. The browser tabs include "Inbox (1,383) - 21se02it031@ppsua". The browser's address bar also shows `127.0.0.1:8000/idname/31/Meghavi_Lodaliya`. The browser's bookmark bar shows folders like "work", "tapnvi's web", "GDSC", "web development", "chat web app", and "vite-contact - C".

Id number is : 31

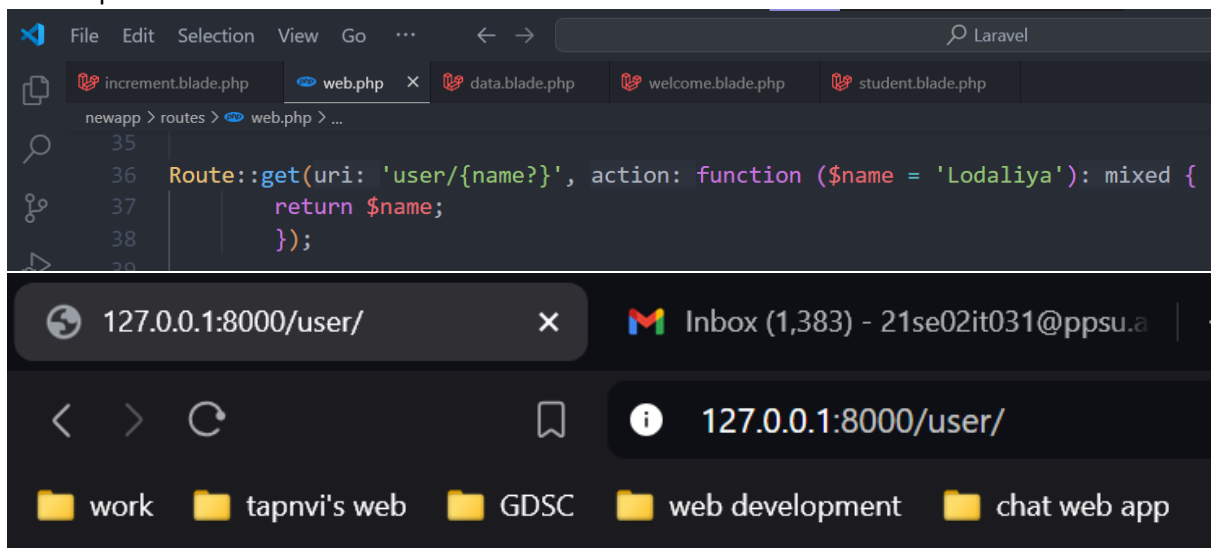
Name is : Meghavi_Lodaliya

Example of Optional Parameters :



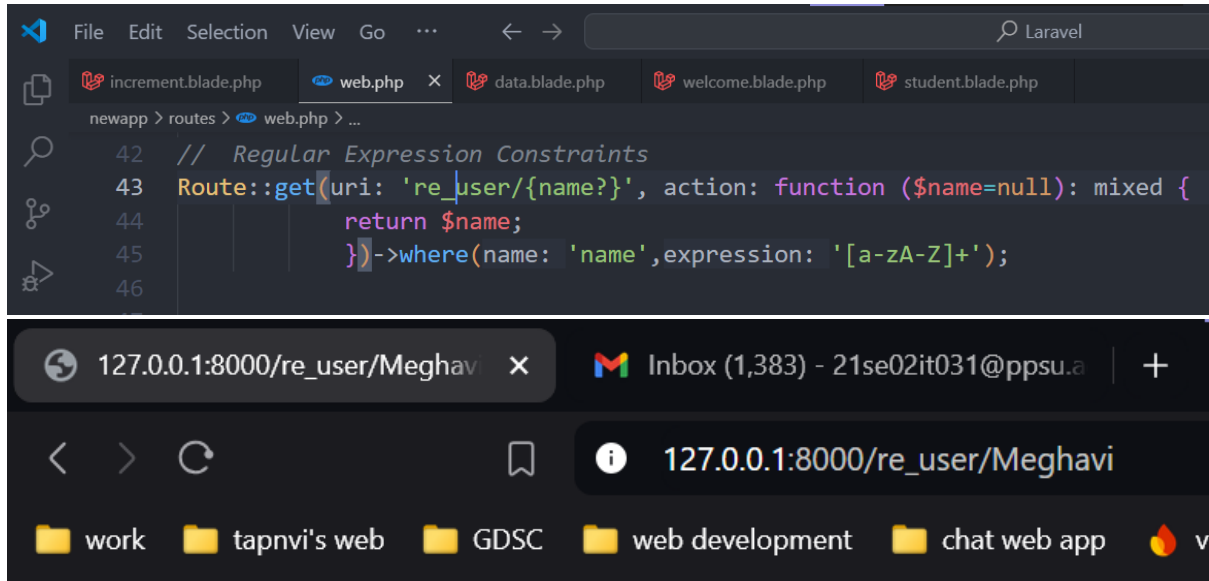
The screenshot shows a web browser window with the address bar displaying `127.0.0.1:8000/user/Meghavi_Lodaliya`. The browser tabs include 'Inbox (1,383) - 21se02it031@ppsua'. The browser's bookmark bar shows folders for 'work', 'tapnvi's web', 'GDSC', 'web development', 'chat web app', and 'vite-contact - C'. The main content area displays the text 'Meghavi_Lodaliya'.

defalut parameter's value :



The screenshot shows a web browser window with the address bar displaying `127.0.0.1:8000/user/`. The browser tabs include 'Inbox (1,383) - 21se02it031@ppsua'. The browser's bookmark bar shows folders for 'work', 'tapnvi's web', 'GDSC', 'web development', and 'chat web app'. The main content area displays the text 'Lodaliya'.

Regular Expression Constraints :

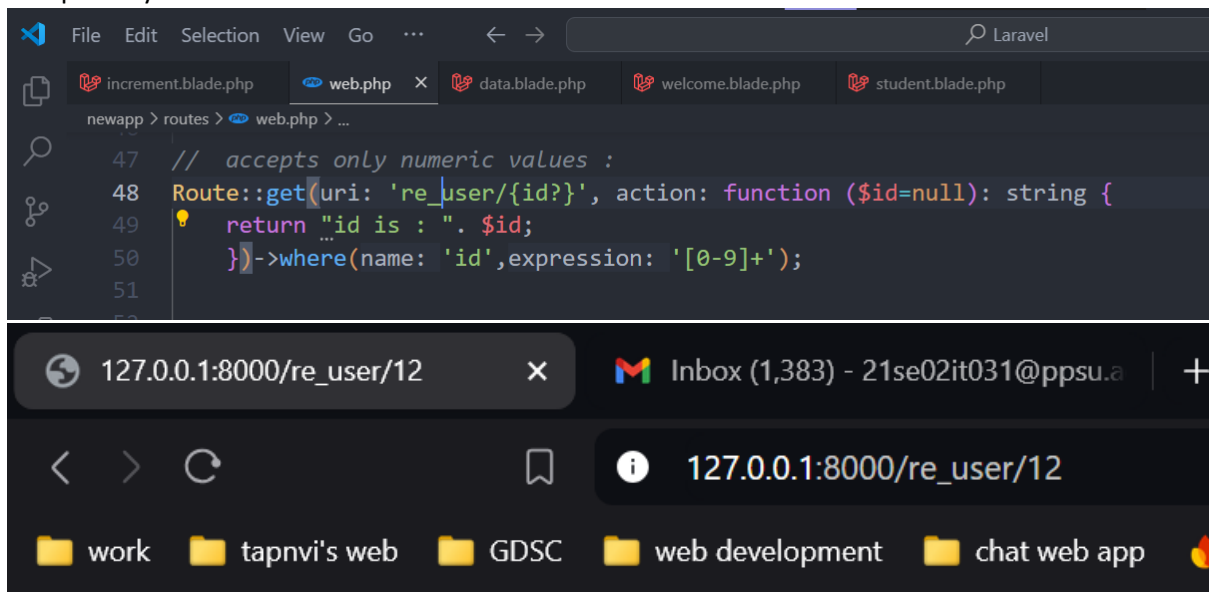


The screenshot shows a VS Code editor with a file named `web.php` open. The code defines a route with a regular expression constraint for the `name` parameter. Below the editor, a web browser displays the URL `127.0.0.1:8000/re_user/Meghavi`, where `Meghavi` is the value captured by the regular expression.

```
42 // Regular Expression Constraints
43 Route::get(uri: 're_user/{name?}', action: function ($name=null): mixed {
44     return $name;
45 })->where(name: 'name', expression: '[a-zA-Z]+');
46
```

Meghavi

accepts only numeric values :

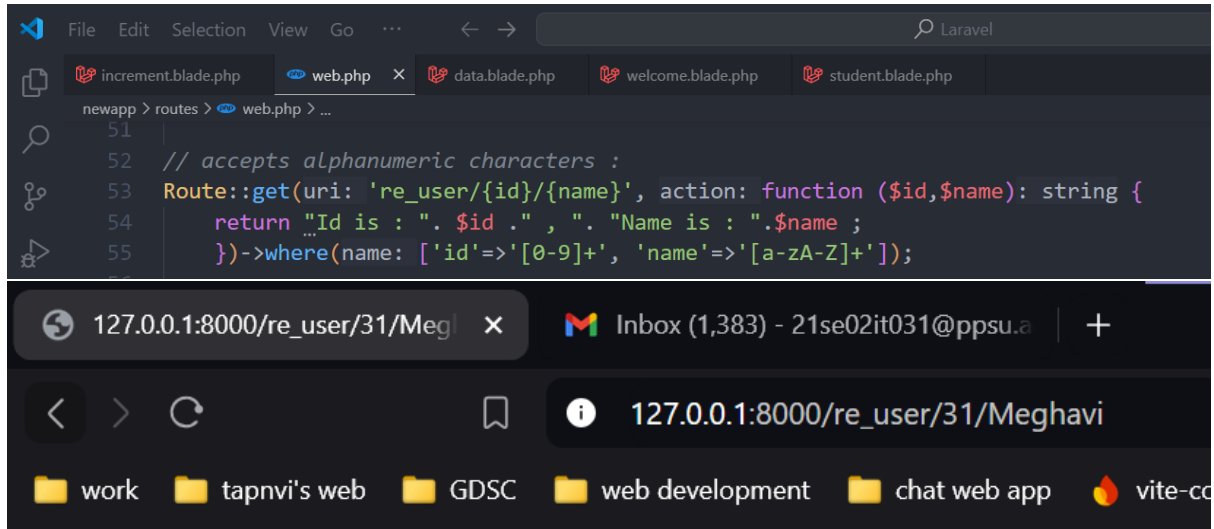


The screenshot shows a VS Code editor with a file named `web.php` open. The code defines a route with a numeric value constraint for the `id` parameter. Below the editor, a web browser displays the URL `127.0.0.1:8000/re_user/12`, where `12` is the numeric value captured by the regular expression.

```
47 // accepts only numeric values :
48 Route::get(uri: 're_user/{id?}', action: function ($id=null): string {
49     return "id is : ". $id;
50 })->where(name: 'id', expression: '[0-9]+');
51
```

id is : 12

accepts alphanumeric characters :



The screenshot shows a code editor with a file named `web.php` open. The code defines a GET route for `re_user/{id}/{name}`. The route's action is a function that returns a string with the user's ID and name, filtered by alphanumeric characters. The browser shows the URL `127.0.0.1:8000/re_user/31/Meghavi` and the output `Id is : 31 , Name is : Meghavi`.

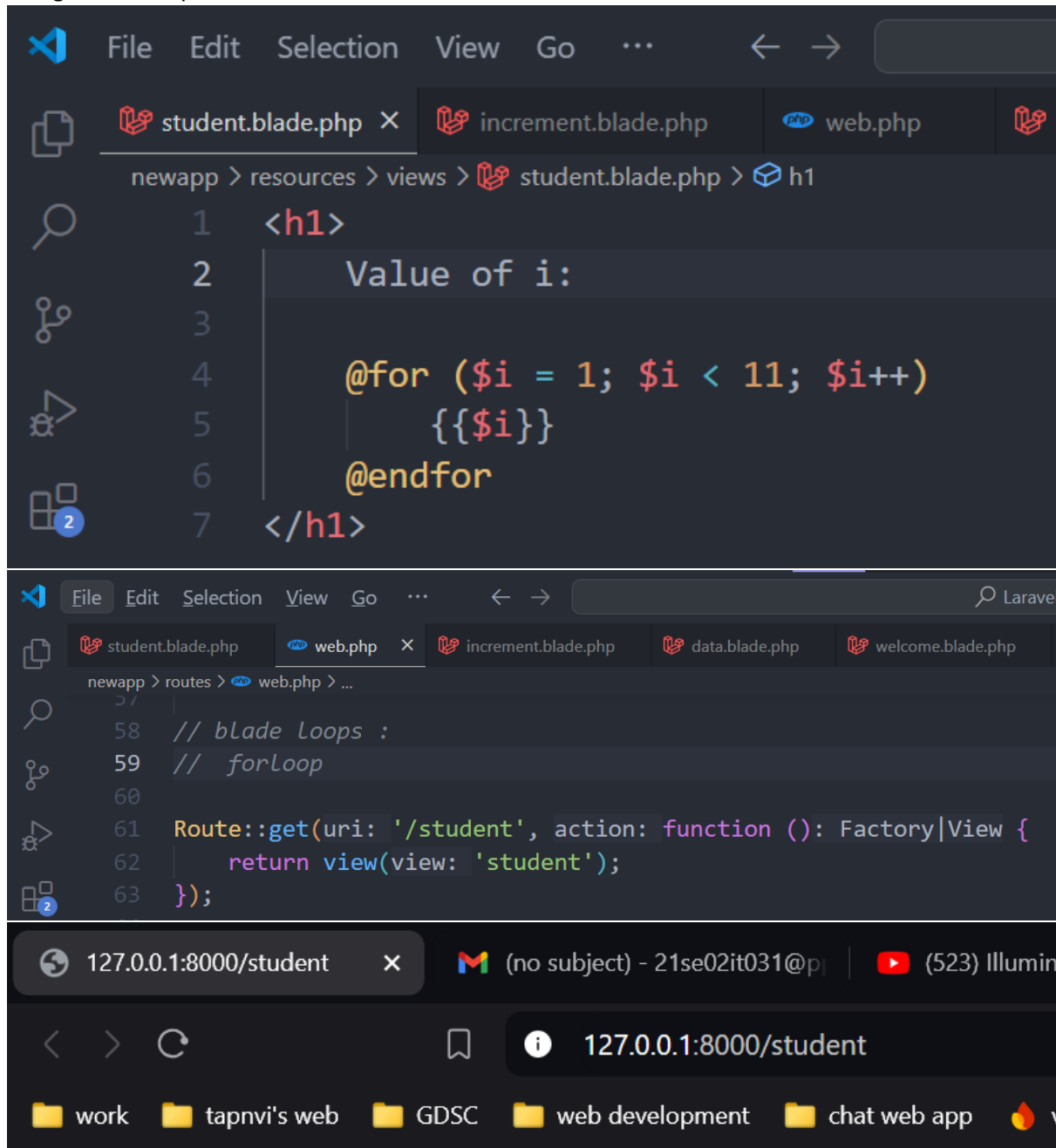
```
51  
52 // accepts alphanumeric characters :  
53 Route::get(uri: 're_user/{id}/{name}', action: function ($id,$name): string {  
54     return "Id is : ". $id .", ". "Name is : ".$name ;  
55     }->where(name: ['id'=>'[0-9]+', 'name'=>'[a-zA-Z]+']));
```

127.0.0.1:8000/re_user/31/Meghavi

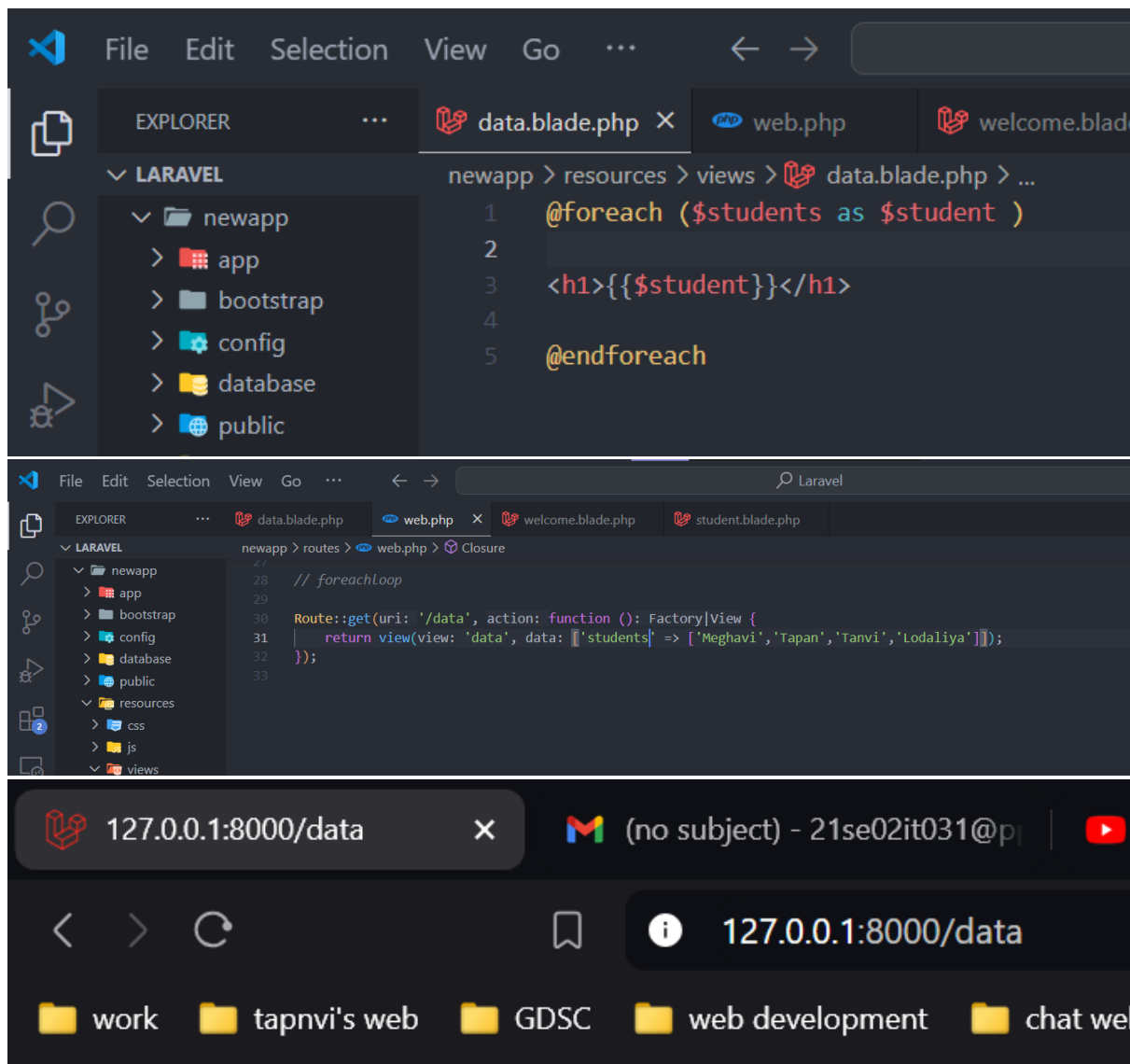
Id is : 31 , Name is : Meghavi

Id is : 31 , Name is : Meghavi

Using Blade Template :



Value of i: 1 2 3 4 5 6 7 8 9 10



Meghavi

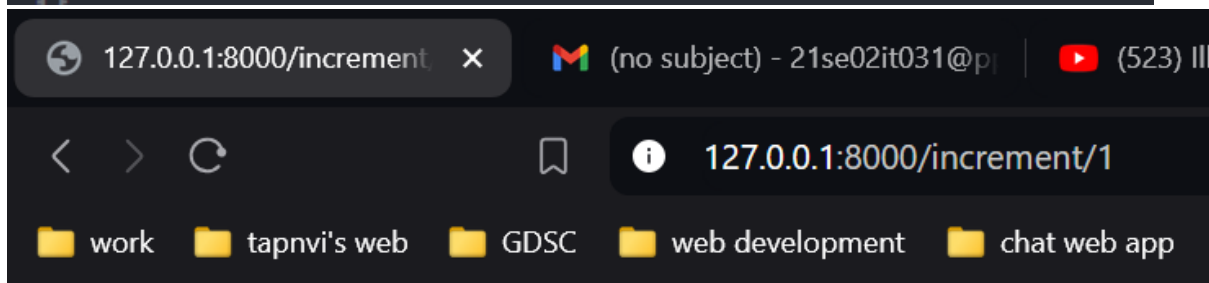
Tapan

Tanvi

Lodaliya

```
newapp > routes > web.php > ...
34 //while loop
35
36 Route::get(uri: '/increment/{i}', action: function($i): Factory|View {
37     return view(view: 'increment', data: ['i' => $i]);
38 });
```

```
newapp > resources > views > increment.blade.php > ?
1 @while($i<=10)
2     Enrollment no :
3     {{$i++}}<br>
4 @endwhile
```



Enrollment no : 1
Enrollment no : 2
Enrollment no : 3
Enrollment no : 4
Enrollment no : 5
Enrollment no : 6
Enrollment no : 7
Enrollment no : 8
Enrollment no : 9
Enrollment no : 10