

Nama : Raihan Rahmanda Junianto

NIM : 222112303

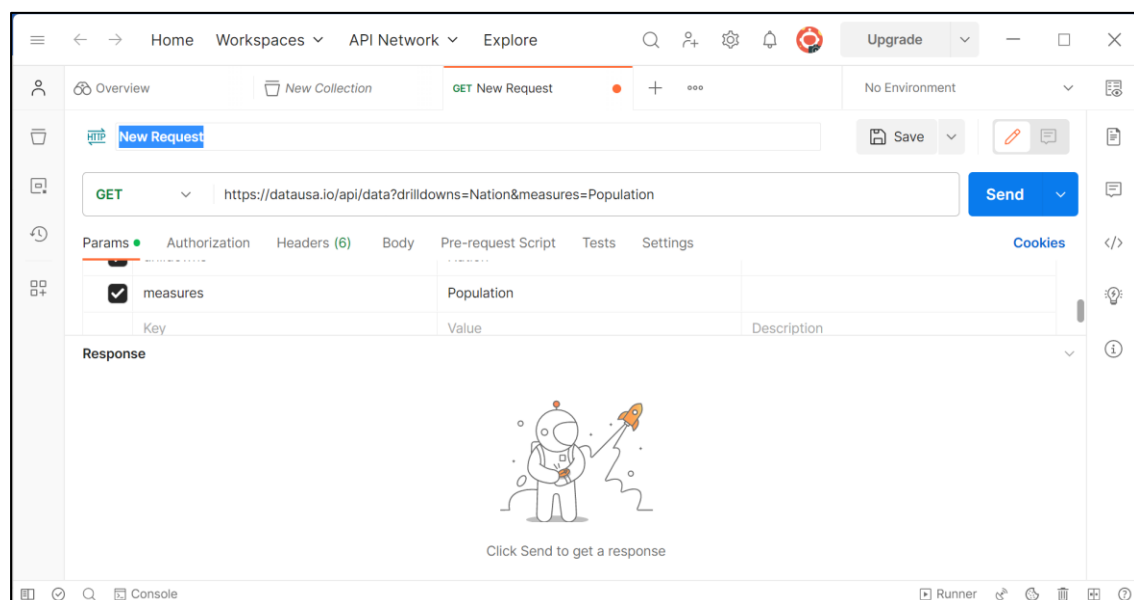
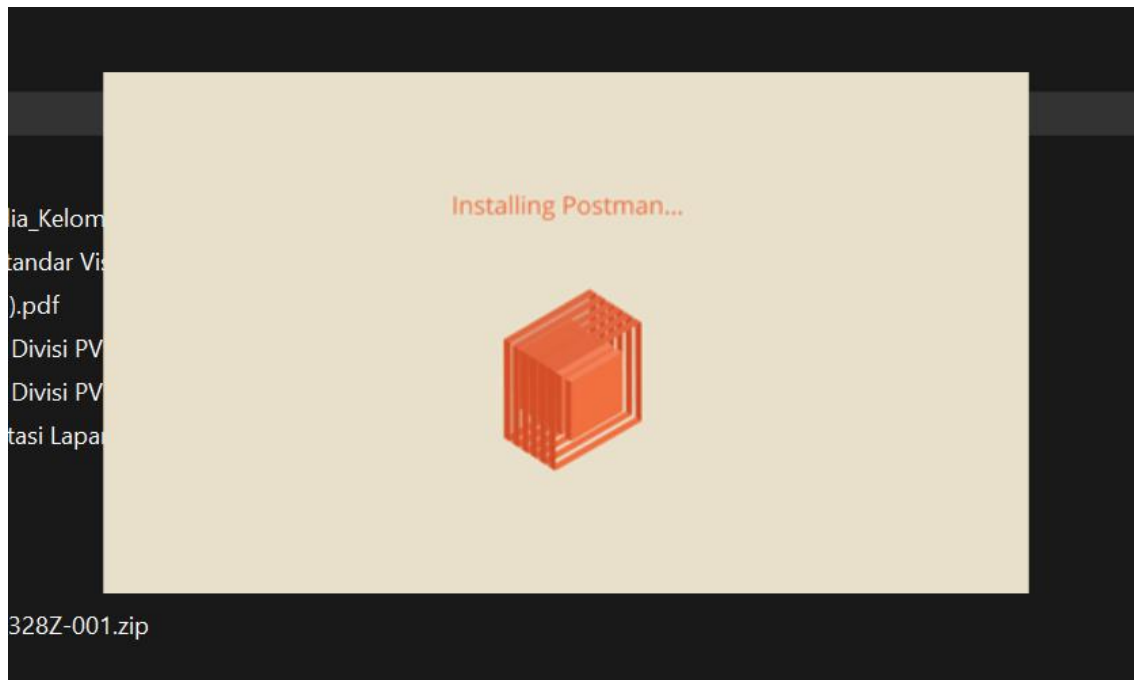
Kelas : 2KS4

## Responsi Praktikum 12 Pemrograman Berbasis Web

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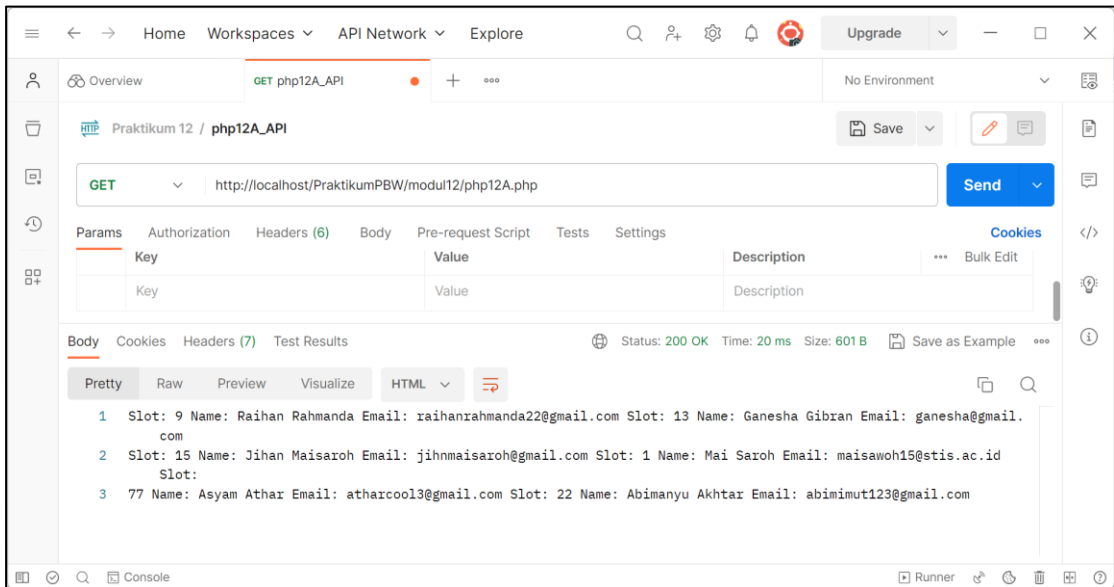
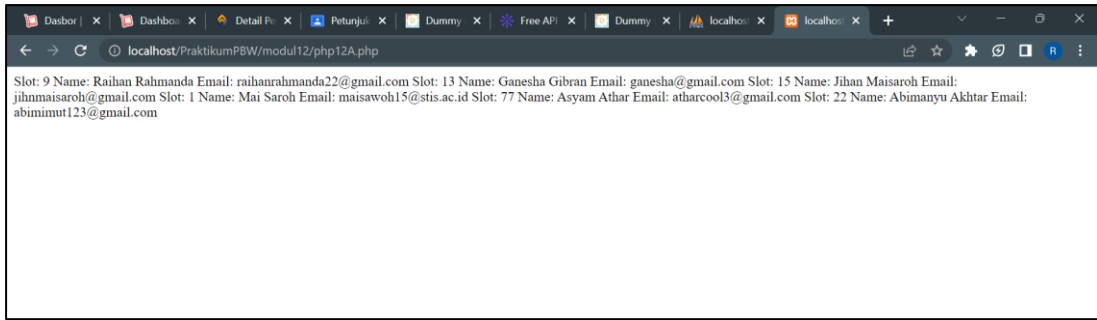
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### 1. Instalasi Postman

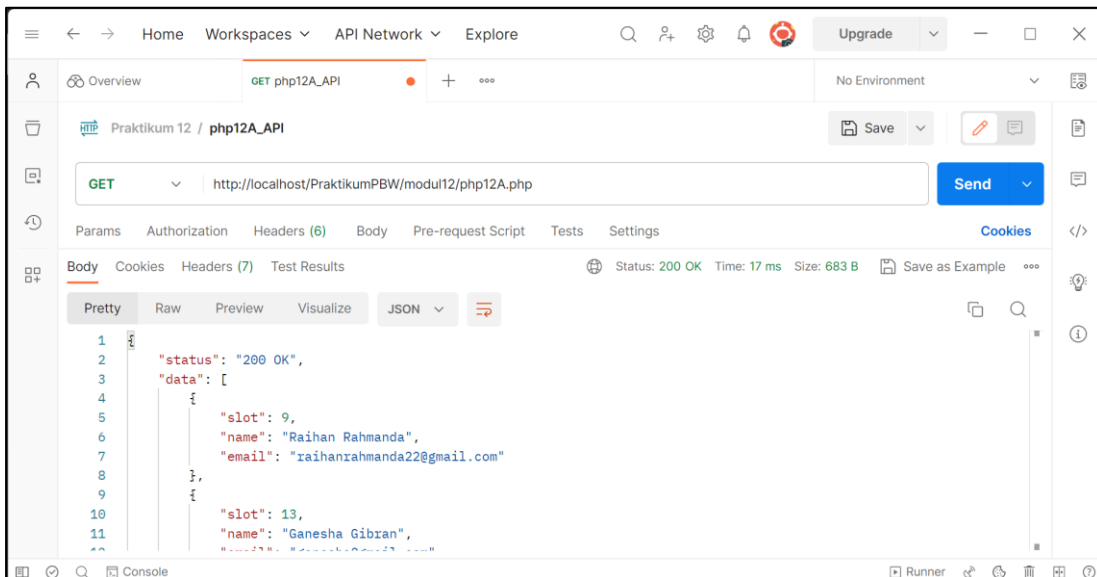


### 2. Membuat REST API dengan Method GET

- Tampilan Output di Browser dan Postman



- **Tampilan Request dalam Bentuk JSON**



- **Menampilkan data tertentu dari tabel**

Praktikum 12 / New Request

GET http://localhost/PraktikumPBW/modul12/php12A\_byslot.php?slot=9

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Key	Value	Description
slot	9	

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 45 ms Size: 357 B Save as Example

Pretty Raw Preview Visualize HTML

```
1 {"status": "200 OK", "data": [{"slot": "9", "name": "Raihan Rahmanda", "email": "raihanrahmanda22@gmail.com"}]}
```

### 3. Membuat REST API dengan Method POST

Home Workspaces API Network Explore

Overview GET php12A\_API GET php12A\_API\_byslot POST php12B\_API

Praktikum 12 / php12B\_API

POST http://localhost/PraktikumPBW/modul12/php12B.php

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

Key	Value	Description
slot	58	
name	David Beckham	
email	beckham@stis.ac.id	

Body Cookies Headers (7) Test Results

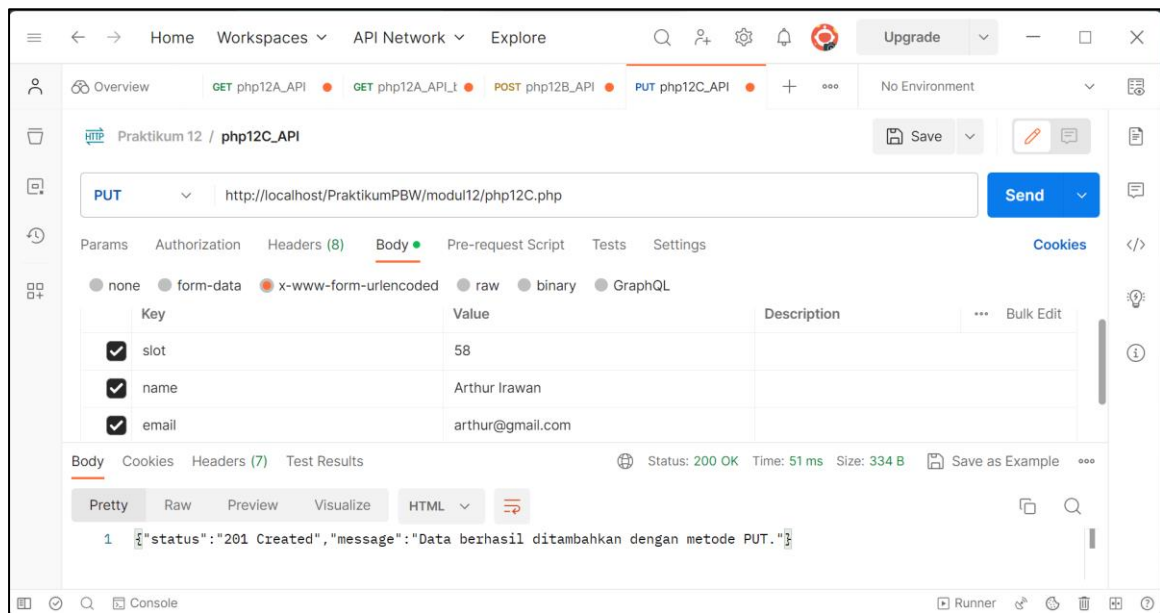
Status: 200 OK Time: 63 ms Size: 316 B Save as Example

Pretty Raw Preview Visualize HTML

```
1 {"status": "201 Created", "message": "Data berhasil ditambahkan."}
```

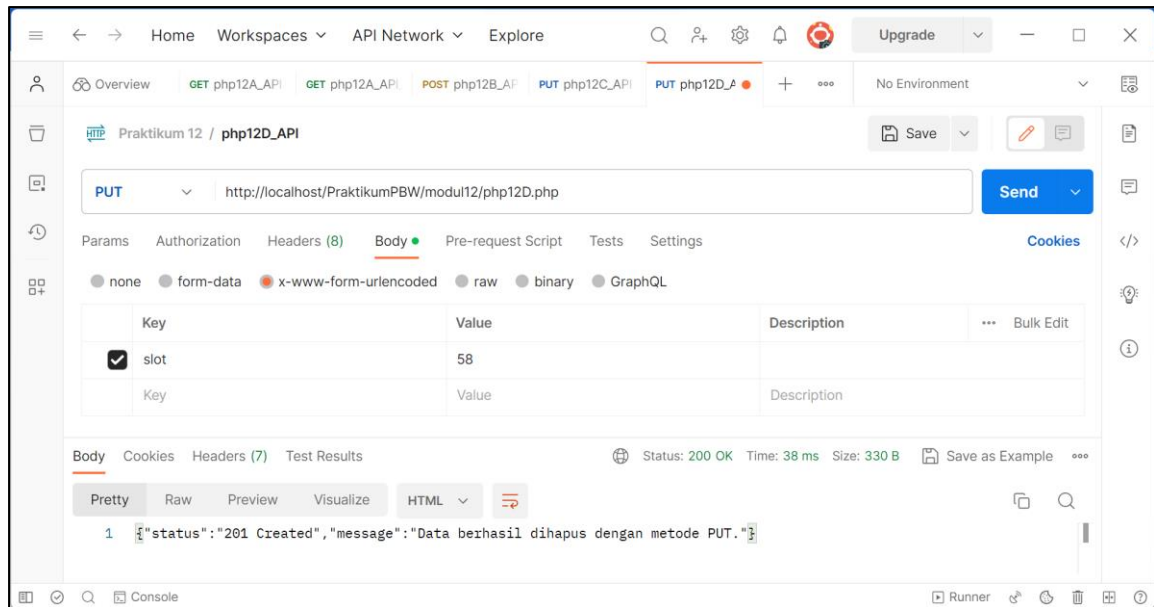
slot	name	email
9	Raihan Rahmanda	raihanrahmanda22@gmail.com
13	Ganesha Gibran	ganesha@gmail.com
15	Jihan Maisaroh	jihnmaisaroh@gmail.com
1	Mai Saroh	maisawoh15@stis.ac.id
77	Asyam Athar	atharcool3@gmail.com
22	Abimanyu Akhtar	abimimut123@gmail.com
0		
0		
0		
58	David Beckham	beckham@stis.ac.id

#### 4. Membuat REST API dengan Method PUT



slot	name	email
9	Raihan Rahmanda	raihanrahmanda22@gmail.com
13	Ganesha Gibran	ganesha@gmail.com
15	Jihan Maisaroh	jihnmaisaroh@gmail.com
1	Mai Saroh	maisawoh15@stis.ac.id
77	Asyam Athar	atharcool3@gmail.com
22	Abimanyu Akhtar	abimimut123@gmail.com
0		
0		
0		
58	Arthur Irawan	arthur@gmail.com

#### 5. Membuat REST API dengan Method DELETE



slot	name	email
9	Raihan Rahmanda	raihanrahmanda22@gmail.com
13	Ganesha Gibran	ganesha@gmail.com
15	Jihan Maisaroh	jihnmaisaroh@gmail.com
1	Mai Saroh	maisawoh15@stis.ac.id
77	Asyam Athar	atharcool3@gmail.com
22	Abimanyu Akhtar	abimimut123@gmail.com

## 6. Mengakses REST API menggunakan PHP

- Menggunakan fungsi `file_get_contents()`

```
<?php
$data = file_get_contents("http://localhost/PraktikumPBW/modul12/php12A.php");
var_dump($data);

$parse_data = json_decode($data,true);
echo "<br/><br/>";
var_dump($parse_data);

$parse_data = json_decode($data);
echo "<br/><br/>";
var_dump($parse_data);
?>
```

```
Responsi Praktikum 12 | localhost/PraktikumPBW/modul12/restClient.php | localhost / 127.0.0.1 / praktikum: | +
localhost/PraktikumPBW/modul12/restClient.php
string(429) "{"status":"200 OK","data":{"slot":9,"name":"Raihan Rahmanda","email":"raihanrahmanda22@gmail.com"}, {"slot":13,"name":"Ganesha Gibran","email":"ganesha@gmail.com"}, {"slot":15,"name":"Jihan Maisaroh","email":"jihnamaesaroh@gmail.com"}, {"slot":1,"name":"Mai Saroh","email":"maisawoh15@stis.ac.id"}, {"slot":77,"name":"Asyam Athar","email":"atharcool3@gmail.com"}, {"slot":22,"name":"Abimanyu Akhtar","email":"abimimut123@gmail.com"}]]"

array(2) { ["status"]=> string(6) "200 OK" ["data"]=> array(6) { [0]=> array(3) { ["slot"]=> int(9) ["name"]=> string(15) "Raihan Rahmanda" ["email"]=> string(26) "raihanrahmanda22@gmail.com" ; [1]=> array(3) { ["slot"]=> int(13) ["name"]=> string(14) "Ganesha Gibran" ["email"]=> string(17) "ganesha@gmail.com" ; [2]=> array(3) { ["slot"]=> int(15) ["name"]=> string(14) "Jihan Maisaroh" ["email"]=> string(22) "jihnamaesaroh@gmail.com" ; [3]=> array(3) { ["slot"]=> int(1) ["name"]=> string(9) "Mai Saroh" ["email"]=> string(21) "maisawoh15@stis.ac.id" ; [4]=> array(3) { ["slot"]=> int(77) ["name"]=> string(11) "Asyam Athar" ["email"]=> string(20) "atharcool3@gmail.com" ; [5]=> array(3) { ["slot"]=> int(22) ["name"]=> string(15) "Abimanyu Akhtar" ["email"]=> string(21) "abimimut123@gmail.com" ; } } } } }

object(stdClass)#1 (2) { ["status"]=> string(6) "200 OK" ["data"]=> array(6) { [0]=> object(stdClass)#2 (3) { ["slot"]=> int(9) ["name"]=> string(15) "Raihan Rahmanda" ["email"]=> string(26) "raihanrahmanda22@gmail.com" ; [1]=> object(stdClass)#3 (3) { ["slot"]=> int(13) ["name"]=> string(14) "Ganesha Gibran" ["email"]=> string(17) "ganesha@gmail.com" ; [2]=> object(stdClass)#4 (3) { ["slot"]=> int(15) ["name"]=> string(14) "Jihan Maisaroh" ["email"]=> string(22) "jihnamaesaroh@gmail.com" ; [3]=> object(stdClass)#5 (3) { ["slot"]=> int(1) ["name"]=> string(9) "Mai Saroh" ["email"]=> string(21) "maisawoh15@stis.ac.id" ; [4]=> object(stdClass)#6 (3) { ["slot"]=> int(77) ["name"]=> string(11) "Asyam Athar" ["email"]=> string(20) "atharcool3@gmail.com" ; [5]=> object(stdClass)#7 (3) { ["slot"]=> int(22) ["name"]=> string(15) "Abimanyu Akhtar" ["email"]=> string(21) "abimimut123@gmail.com" ; } } } } }
```

- Menggunakan library cURL

```
<?php
    $ch = curl_init();
    curl_setopt($ch, CURLOPT_URL, "http://localhost/PraktikumPBW/modul12/php12A.php");
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, TRUE);
    $output = curl_exec($ch);
    curl_close($ch);
    echo $output;

    $data = json_decode($output,true);
    echo "<br/><br/>";
    var_dump($data);
?>
```

```
Responsi Praktikum 12 | localhost/PraktikumPBW/modul12/restClient2.php | localhost / 127.0.0.1 / praktikum: | +
localhost/PraktikumPBW/modul12/restClient2.php
{"status":"200 OK","data":{"slot":9,"name":"Raihan Rahmanda","email":"raihanrahmanda22@gmail.com"}, {"slot":13,"name":"Ganesha Gibran","email":"ganesha@gmail.com"}, {"slot":15,"name":"Jihan Maisaroh","email":"jihnamaesaroh@gmail.com"}, {"slot":1,"name":"Mai Saroh","email":"maisawoh15@stis.ac.id"}, {"slot":77,"name":"Asyam Athar","email":"atharcool3@gmail.com"}, {"slot":22,"name":"Abimanyu Akhtar","email":"abimimut123@gmail.com"}]]}

array(2) { ["status"]=> string(6) "200 OK" ["data"]=> array(6) { [0]=> array(3) { ["slot"]=> int(9) ["name"]=> string(15) "Raihan Rahmanda" ["email"]=> string(26) "raihanrahmanda22@gmail.com" ; [1]=> array(3) { ["slot"]=> int(13) ["name"]=> string(14) "Ganesha Gibran" ["email"]=> string(17) "ganesha@gmail.com" ; [2]=> array(3) { ["slot"]=> int(15) ["name"]=> string(14) "Jihan Maisaroh" ["email"]=> string(22) "jihnamaesaroh@gmail.com" ; [3]=> array(3) { ["slot"]=> int(1) ["name"]=> string(9) "Mai Saroh" ["email"]=> string(21) "maisawoh15@stis.ac.id" ; [4]=> array(3) { ["slot"]=> int(77) ["name"]=> string(11) "Asyam Athar" ["email"]=> string(20) "atharcool3@gmail.com" ; [5]=> array(3) { ["slot"]=> int(22) ["name"]=> string(15) "Abimanyu Akhtar" ["email"]=> string(21) "abimimut123@gmail.com" ; } } } } }
```