# Name: Md. Ruhul Kuddus

# **Assignment: Module-14**

# **Question-1:**

You have a Laravel application with a form that submits user information using a POST request. Write the code to retrieve the 'name' input field value from the request and store it in a variable called \$name.

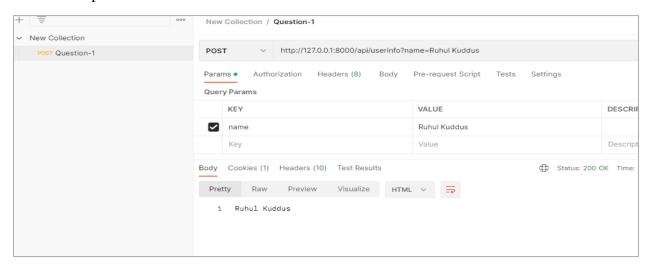
### Route Code:

```
Route::post( uri: '/userinfo',[AssignmentController::class,'UserInfo']);
```

### Controller Code:

```
function UserInfo(Request $request):string
{
    $name = $request->input( key: 'name');
    return $name;
}
```

## Postman output:



## **Question-2:**

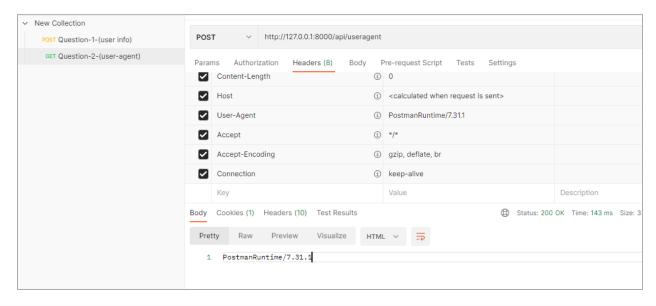
In your Laravel application, you want to retrieve the value of the 'User-Agent' header from the current request. Write the code to accomplish this and store the value in a variable called \$userAgent.

#### Route:

```
Route::post( uri: '/useragent',[AssignmentController::class,'UserAgent']);
```

### Controller:

```
function UserAgent(Request $request):string
{
    $userAgent = $request->header( key: 'User-Agent');
    return $userAgent;
}
```



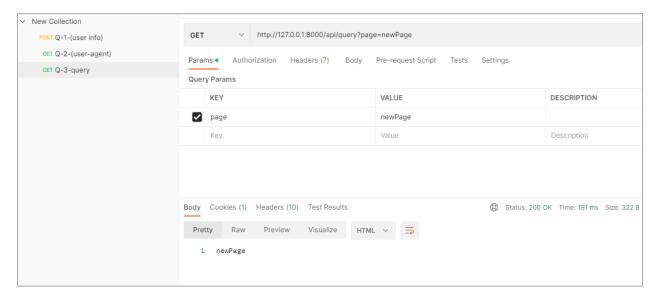
## **Question-3:**

You are building an API endpoint in Laravel that accepts a GET request with a 'page' query parameter. Write the code to retrieve the value of the 'page' parameter from the current request and store it in a variable called \$page. If the parameter is not present, set \$page to null.

#### Route:

```
Route::get( uri: '/query',[AssignmentController::class,'ApiEndpoint']);
```

#### Controller:



## **Question-4:**

Create a JSON response in Laravel with the following data:

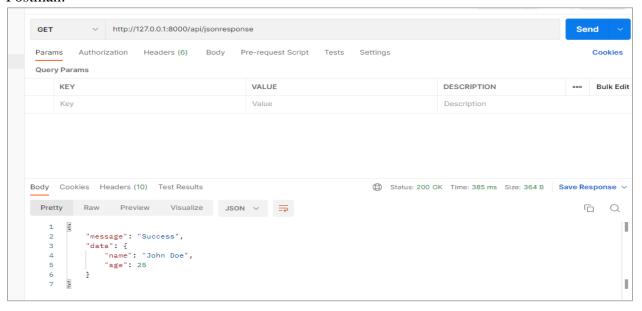
```
{
"message": "Success",

"data": { "name": "John Doe", "age": 25 }
}
```

### Route:

```
Route::get( uri: '/jsonresponse',[AssignmentController::class,'JsonResponse']);
```

#### Controller:



## **Question-5:**

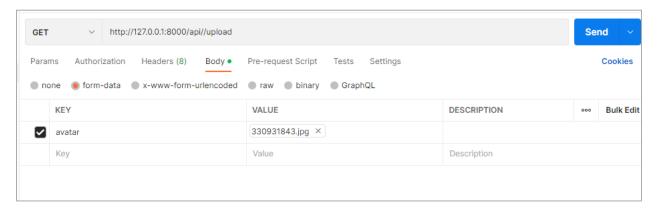
You are implementing a file upload feature in your Laravel application. Write the code to handle a file upload named 'avatar' in the current request and store the uploaded file in the 'public/uploads' directory. Use the original filename for the uploaded file.

### Route:

```
Route::post( uri: '/upload',[AssignmentController::class,'FileUploads']);
```

## Controller:

```
function FileUploads(Request $request):bool
{
    $file=$request->file( key: 'avatar');
    $file->move(public_path( path: 'uploads'),$file->getClientOriginalName());
    return true;
}
```



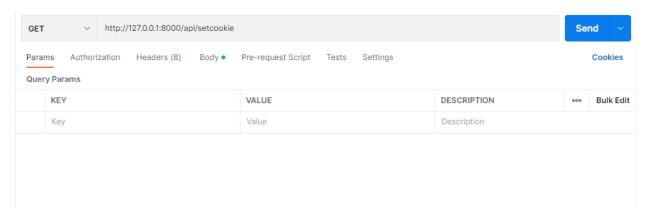
# **Question 6:**

Retrieve the value of the 'remember\_token' cookie from the current request in Laravel and store it in a variable called \$rememberToken. If the cookie is not present, set \$rememberToken to null.

### Route:

```
Route::post( uri: '/setcookie',[AssignmentController::class,'SetCookie']);
```

# Controller:



# **Question 7:**

Create a route in Laravel that handles a POST request to the '/submit' URL. Inside the route closure, retrieve the 'email' input parameter from the request and store it in a variable called \$email.

Return a JSON response with the following data: { "success": true, "message": "Form submitted successfully." }

### Route:

