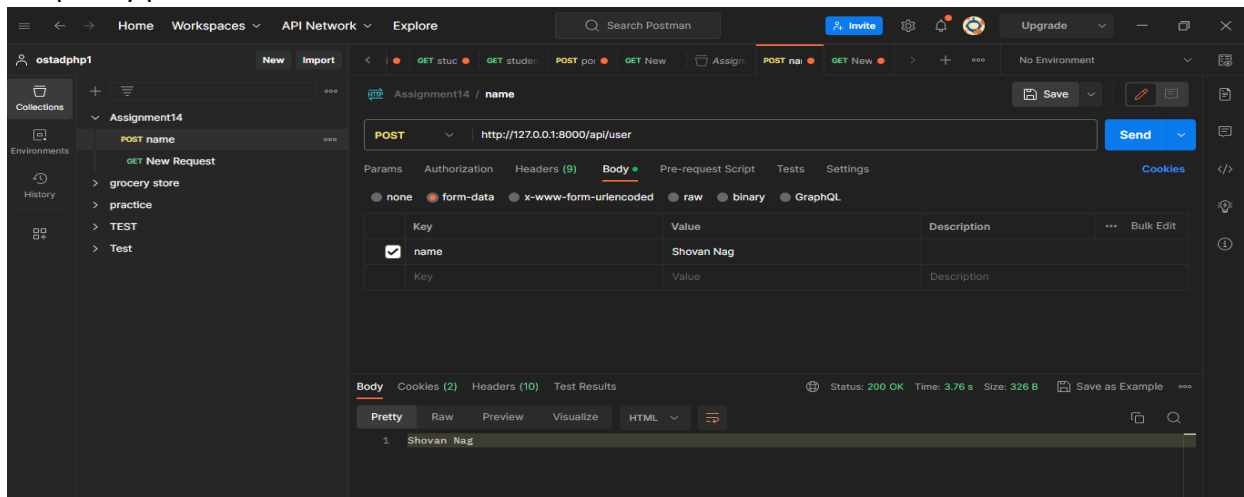# Assignment-14

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.

```php
// Question 1
1 reference | 0 overrides
function UserName(Request $request):string{
  $name = $request->input('name');
  return $name;
}
```

```php
Route::post('/user',[AppController::class, 'UserName']);
```
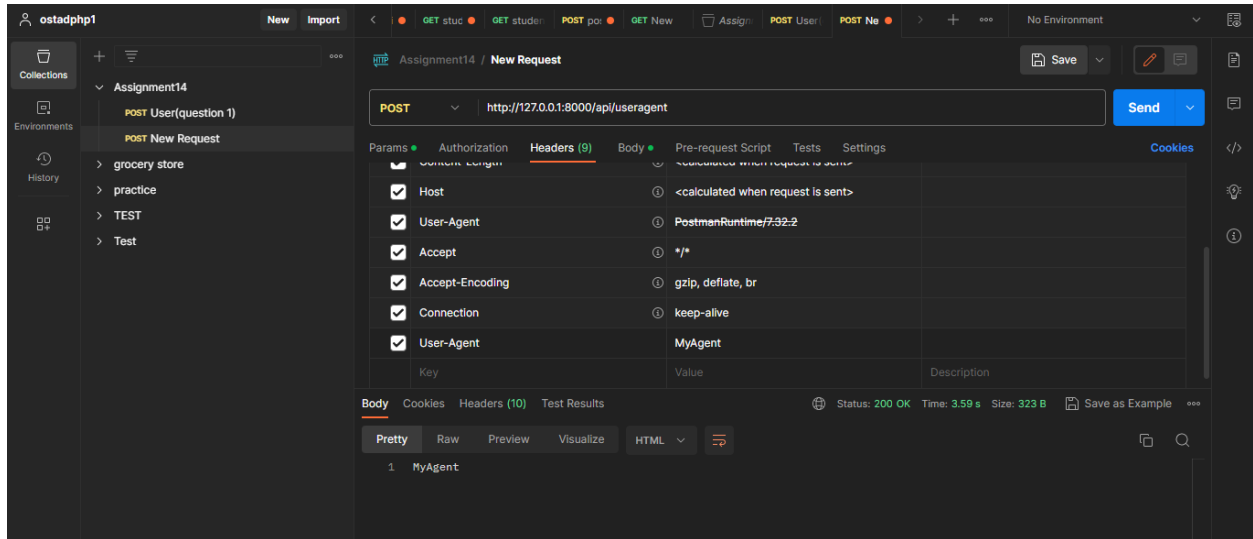
Output by postman:

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

```php
// Question 2
1 reference | 0 overrides
function UserAgent(Request $request):string{
  $userAgent = $request->header('User-Agent');
  return $userAgent;
}
```

```
Route::post('/useragent',[AppController::class,'UserAgent']);
```
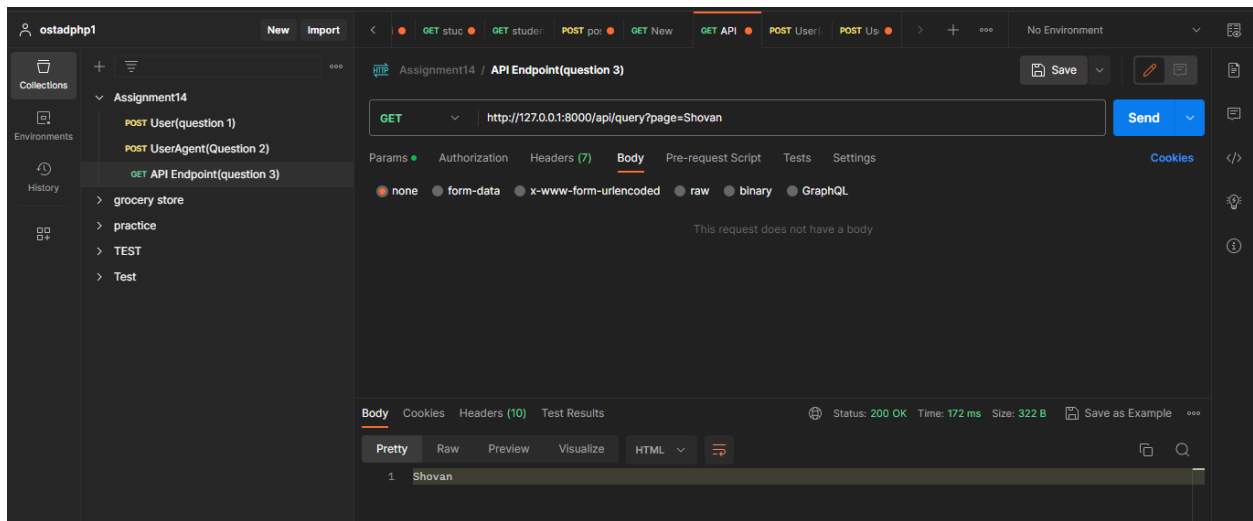
Output by postman:

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.

```
// Question 3
1 reference | 0 overrides
function ApiEndpoint(Request $request){
    $page = $request->query('page',null);
    if($page !== null){
        return $page;
    }else{
        return;
    }
}
```

```
Route::get('/query',[AppController::class,'ApiEndpoint']);
```
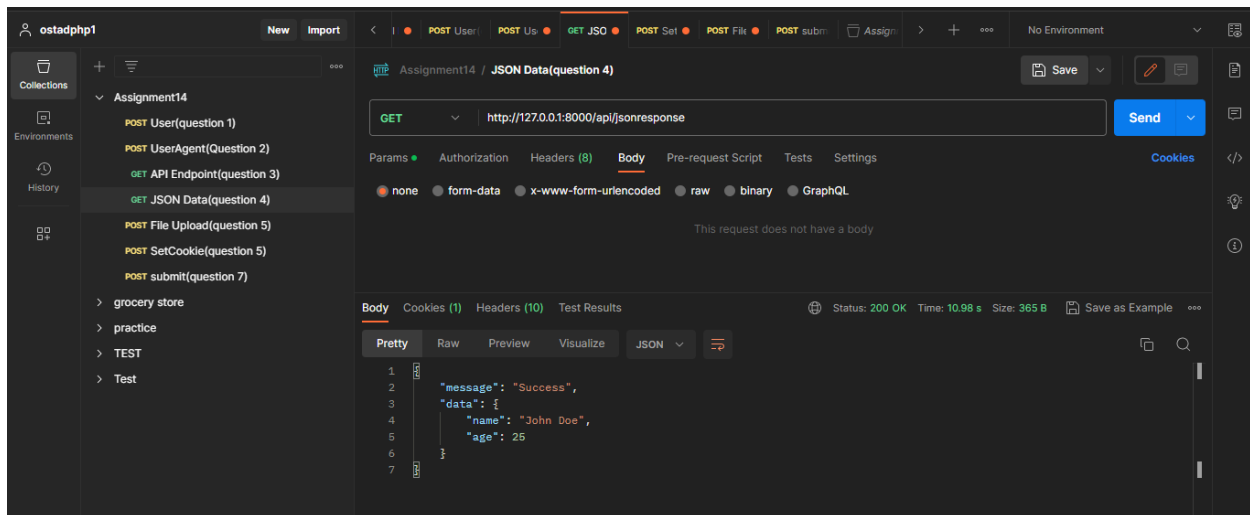
Output by postman:

Question 4: Create a JSON response in Laravel with the following data:

{

"message": "Success",

"data": {

     "name": "John Doe",

     "age": 25

}

}

```
// Question 4
1 reference | 0 overrides
function JsonResponse(Request $request):jsonresponse{
 $data = array(
     "message"=> "Success",
     "data"=>array(
         "name"=> "John Doe",
         "age"=> 25
     )
 );
 return response()->json($data);
}
```

```
Route::get('/jsonresponse',[AppController::class,'JsonResponse']);
```
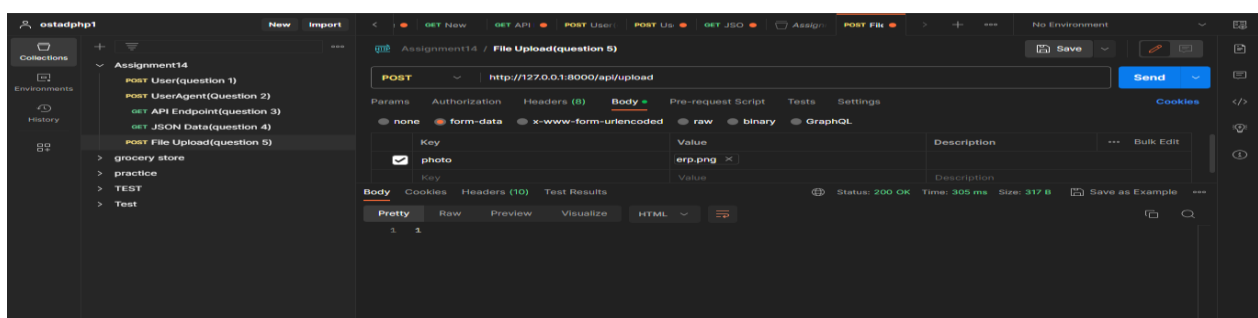
Output by postman:

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.

```
// Question 5
1 reference | 0 overrides
function FileUploads(Request $request):bool{
    $file=$request->file('photo');
    $file->move(public_path('uploads'),$file->getClientOriginalName());
    return true;
}
```

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

Output by postman:

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.

```php
// Question 6
1 reference | 0 overrides
function SetCookie(Request $request){
    $rememberToken = $request->cookie('remember_token',null);
    return $rememberToken;
}
```

```php
Route::post('/setcookie', [AppController::class, 'SetCookie']);
```

Output by postman:

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."

}

```
// Question 7
Route::post('/submit',function(Request $request){
    $email = $request->input('email');
    if($email){
        return array(
            "success"=> true,
            "message"=> "Form submitted successfully."
        );
    }else{
        return "Email must not be empty!";
    }
}
```

Output by postman: