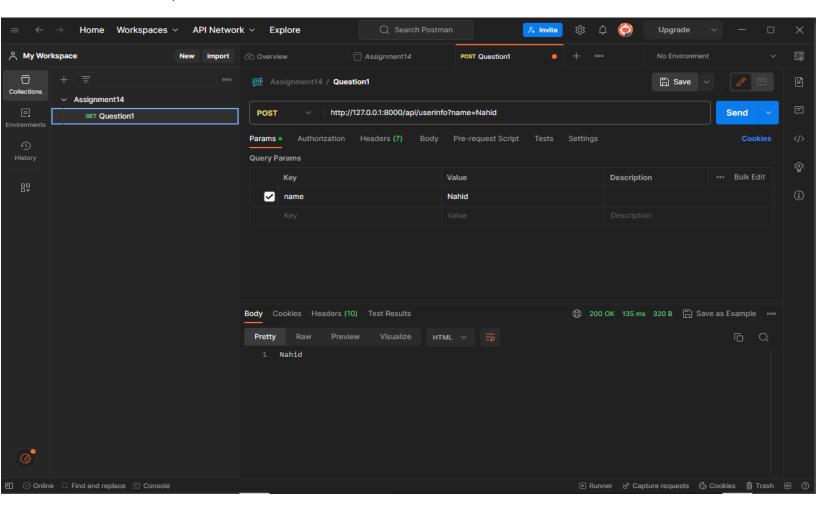
Question 1:

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.

```
{
    // Question 1
    function UserInfo(Request $request):string{
        $name = $request->input('name');
        return $name;
    }
}
```

```
// Question 1
Route::post('/userinfo',[newcontro::class,'UserInfo']);
```

Postman output:

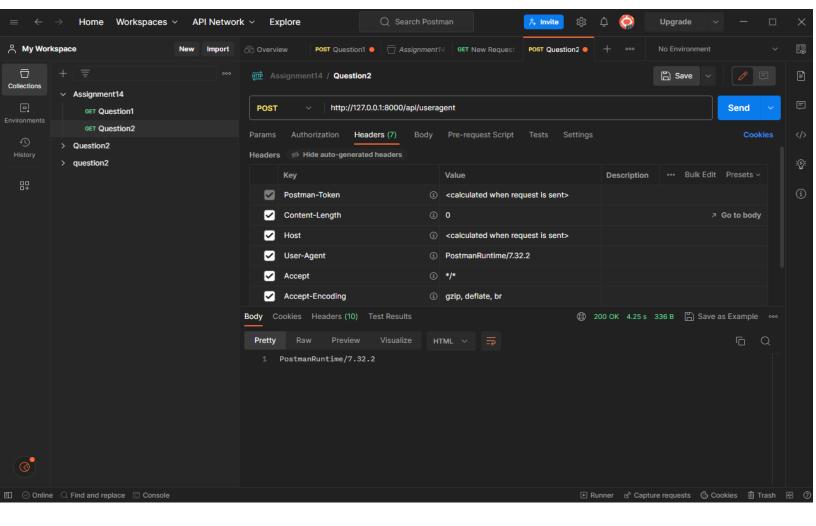


Question 2:

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.

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

```
// Question 2
Route::post('/useragent',[newcontro::class,'UserAgent']);
```



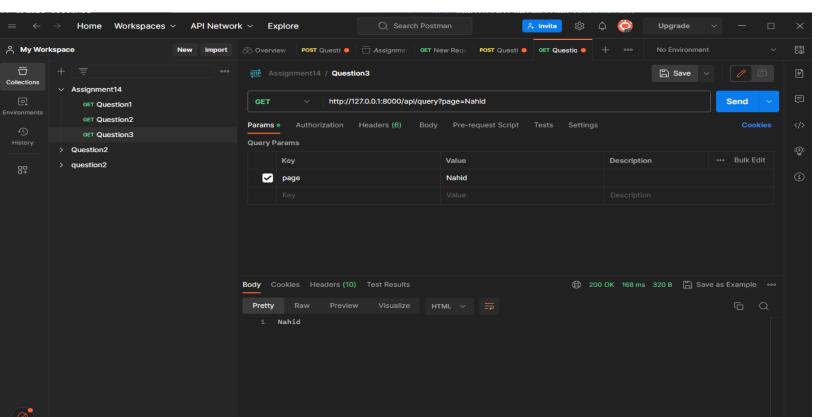
Question 3:

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.

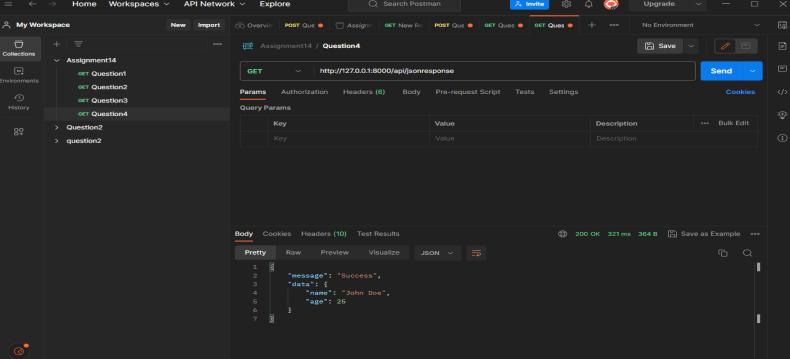
```
// Question 3
function ApiPoint(Request $request){
    $page = $request->query('page',null);
    if($page !== null){
        return $page;
    }else{
        return;
}
```

```
// Question 3
Route::get('/query',[newcontro::class,'ApiPoint']);
```

Postman Output:



```
Question 4:
Create a JSON response in Laravel with the following data:
 "message": "Success",
 "data": {
   "name": "John Doe",
   "age": 25
 }
  // Question 4
  function JsonResponse():JsonResponse{
      $data = array(
           "message"=> "Success",
           "data"=>array(
                "name"=> "John Doe",
                "age"=> 25
      return response()->json($data);
 // Question 4
 Route::get('/jsonresponse',[newcontro::class,'JsonResponse']);
Postman Output:
```



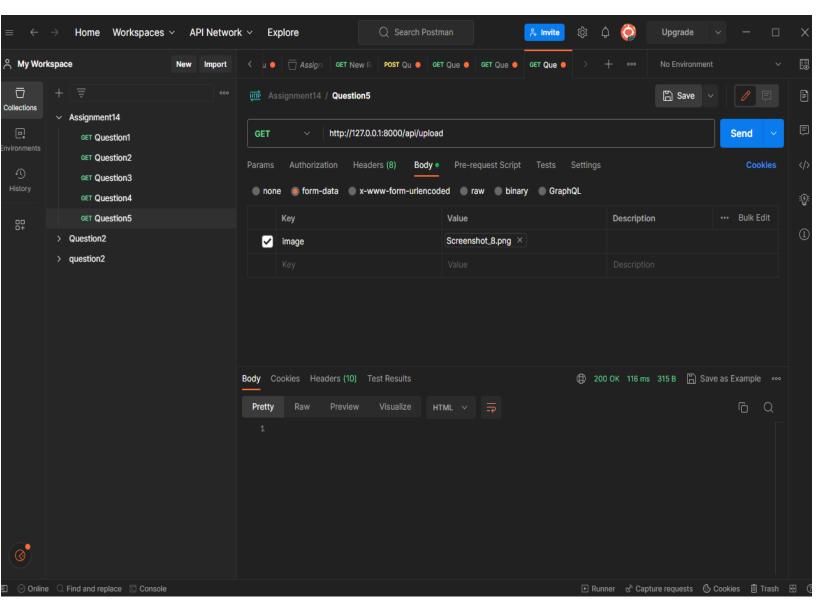
Question 5:

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

// Question 5
Route::post('/upload',[newcontro::class,'FileUploads']);
```

Postman Output:

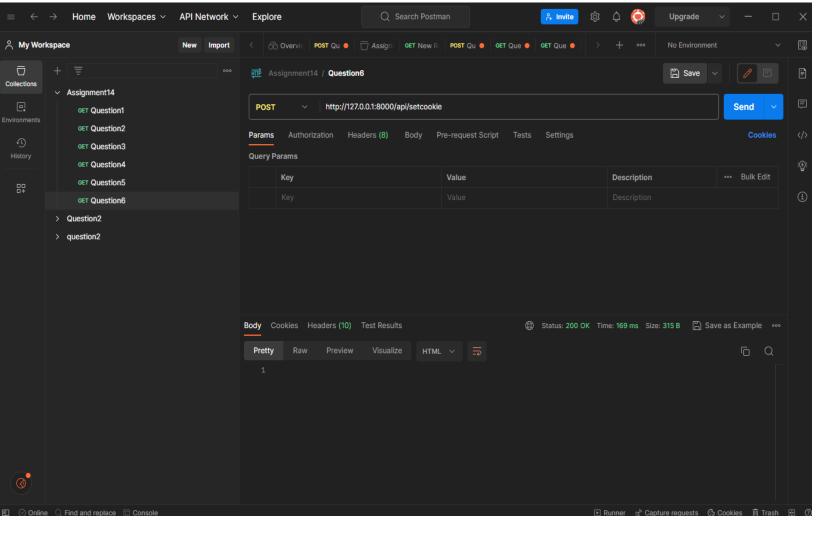


Question 6:

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.

```
// Question 6
function Cookies(Request $request){
    $rememberToken = $request->cookie('remember_token',null);
    return $rememberToken;
}
```

```
// Question 6
Route::post('/setcookie',[newcontro::class,'Cookies']);
```



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."
}
```

