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.

**Answer:** ***$name = $request->input('name');***

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.

**Answer: *$userAgent = $request->header('User-Agent');***

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.

**Answer**: ***$page = $request->query('page', null);***

Question 4:

Create a JSON response in Laravel with the following data:

{

    "message": "Success",

    "data": {

        "name": "John Doe",

        "age": 25

    }

}

**Answer:** ***return response()->json([***

***'message' => 'Success',***

***'data' => [***

***'name' => 'John Doe',***

***'age' => 25***

***]***

***]);***

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.

**Answer**: ***if ($request->hasFile('avatar')) {***

***$file = $request->file('avatar');***

***$fileName = $file->getClientOriginalName();***

***$file->move(public\_path('uploads'), $fileName);***

***}***

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.

**Answer:** ***$rememberToken = $request->cookie('remember\_token', null);***

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."

}

**Answer: *Route::post('/submit', function (Request $request) {***

***$email = $request->input('email');***

***return response()->json([***

***'success' => true,***

***'message' => 'Form submitted successfully.'***

***]);***

***});***

Submission Instruction :

Github repository link: <https://github.com/mahmudcdh/OstadAssignment_Module14.git>