**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 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 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 4:**

Create a JSON response in Laravel with the following data:

{

    "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.

**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 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."

}

Answers:

Answer 1,2,3,4, 6:  
  
 App>Http> Controllers> WebController:

class WebController extends Controller  
{  
 function return\_name (Request $request){  
 $name = $request->input('name');  
 $userAgent = $request->header('user-agent');  
 $page = $request->query('page', null);  
  
  
 return response()->json([  
 'message' => 'Success',  
 'data' => [  
 'name' => 'John Doe',  
 'age' => 25  
 ]  
 ]);  
  
 if ($request->hasFile('avatar')) {  
 $file = $request->file('avatar');  
 $fileName = $file->getClientOriginalName();  
 $file->move('public/uploads', $fileName);  
 }  
  
 }  
}

**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/uploads', $fileName);  
}

**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.'  
 ]);  
});