

LARAVEL - RESPONSE

Basic Response

Each request has a response. Laravel provides several different ways to return response. Response can be sent either from route or from controller. The basic response that can be sent is simple string as shown in the below sample code. This string will be automatically converted to appropriate HTTP response.

Example

Step 1 – Add the following code to **app/Http/routes.php** file.

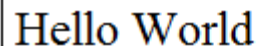
app/Http/routes.php

```
Route::get('/basic_response', function () {  
    return 'Hello World';  
});
```

Step 2 – Visit the following URL to test the basic response.

http://localhost:8000/basic_response

Step 3 – The output will appear as shown in the following image.



Attaching Headers

The response can be attached to headers using the header() method. We can also attach the series of headers as shown in the below sample code.

```
return response($content,$status)  
->header('Content-Type', $type)  
->header('X-Header-One', 'Header Value')  
->header('X-Header-Two', 'Header Value');
```

Example

Step 1 – Add the following code to **app/Http/routes.php** file.

app/Http/routes.php

```
Route::get('/header',function(){
```

```
return response("Hello", 200)->header('Content-Type', 'text/html');
});
```

Step 2 – Visit the following URL to test the basic response.

http://localhost:8000/header

Step 3 – The output will appear as shown in the following image.



Attaching Cookies

The withcookie() helper method is used to attach cookies. The cookie generated with this method can be attached by calling withcookie() method with response instance. By default, all cookies generated by Laravel are encrypted and signed so that they can't be modified or read by the client.

Example

Step 1 – Add the following code to **app/Http/routes.php** file.

app/Http/routes.php

```
Route::get('/cookie',function(){
    return response("Hello", 200)->header('Content-Type', 'text/html')
    ->withcookie('name','Virat Gandhi');
});
```

Step 2 – Visit the following URL to test the basic response.

http://localhost:8000/cookie

Step 3 – The output will appear as shown in the following image.



JSON Response

JSON response can be sent using the json method. This method will automatically set the Content-Type header to application/json. The json method will automatically convert the array into appropriate json response.

Example

Step 1 – Add the following line in **app/Http/routes.php** file.

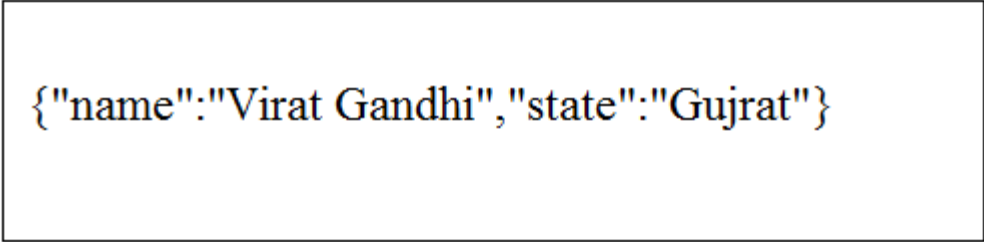
app/Http/routes.php

```
Route::get('json',function(){  
    return response()->json(['name' => 'Virat Gandhi', 'state' => 'Gujarat']);  
});
```

Step 2 – Visit the following URL to test the json response.

<http://localhost:8000/json>

Step 3 – The output will appear as shown in the following image.



```
{"name":"Virat Gandhi","state":"Gujrat"}
```