

GET REQUEST IN POSTMAN

A get request gets the information from the server, when you make the get request on the server then the server will respond

Get request in postman is like asking information from the website or web service, it's like typing the web address into your browser and hitting the enter button to see whether the web page showcase or not

HERE HOW IT'S WORKS IN SIMPLE TERMS

1. **URL:** you type or paste the web address (URL) of the information you want into postman
2. **Send:** you click the "send" button in postman
3. **Response:** postman then talks to the website and provide you the information this could be any information like text, numbers, images and other kind of data

Get request are simple and mainly use to retrieve the information from the server without changing anything on the server itself

RESPONSE IN POSTMAN:

Once you send the request, API sends the response, a response is the message the server receives in return for a request we send

For example if we have enter the request for www.google.com then we can see the response as Status, Time and Size of the response

Status code: status code is a short message from the website or server to your browser or application, it's also provide the information if something went wrong

Common Status code

200 OK: everything went well, you requested something and the server found it and send it back

404 Not Found: page that you are trying to find does not exist

500 Internal server error: something went wrong with the server and it's not client side problem but more importantly server side problems

401 Unauthorized: you are not allowed to see this like trying to enter restricted area without permission

302 Found (or 301 moved permanently): the thing that you are trying to find have been moved to a new location, it's like it's been redirected to a new webpage

405: data not found

500: this code is used for internal server error

503: service unavailable

Time: time is a duration between the sent request time and the received response time, means this is the duration which it leads to request sending and getting a response back

SIZE: size includes response, cookies, headers and everything that been transmitted along with the response

HEADERS: headers are actually the extra information we get with the response

It is more like the additional information provided to us to understand the response better

Header might include

Server type

Date and time

Instruction on how to cache the response

BODY: body is the actual data that you have requested, it could be JSON (structured data), an image or even a file

This is the main content of the response that your application or browser will use to display the information or perform further actions