Postman collections

Collections in postman means a group of API request that have been already saved in the postman and can be arranged into folder

Any number of folders can be created inside a collections

Putting similar request into folder and collections helps the client in better organization and documentation of request

All the APIs can be stored and saved within the collection and these collection can be easily saved in the collections and collection can be shared among the team in postman workspaces

Advantages of creating collection s

Easy APIs import and export

Request categorization

Passing data among request

Running collection / folder

Api documentation

Building test suits

Time saving

POSTMAN VARIABLES

Variables in postman are like labels that let you save some values , like an API KEY , URL , OR ANY other piece of information

If you use the same value like server address or user Id in different request you can set it up as variables it basically means that if the value is changed you need to update in one place only

There are three types of variables available

Global Variables : that are globally defined and can be used in across all the request

Environmental Variable : these variable can be used in specific environment like testing , development and education etc

Collection Variables: they are used within the specific collection of request , like special ingredients that are only used in certain recepies

Local Variables : These are temporary and are used only within the request on

INTRO TO SCRIPTS

Postman is not only used for manual testing , but we can also do automation testing of API , postman request and collection can be applied to the dynamic behaviour

Postman scripts let you add custom instruction that run before or after your API REQUEST , you can used them before sending the request or to check the response

There can be two types of scripst

Pre –Request Scripts : these are like the instruction you give to your robot before it starts it task , In postman these scripts run before the request is sent

Instance this scripts can be used to setup variables , modify the request or to perform setup task

Test (Post request Scrits) : these are instruction that you give to the postman after they have completed the task , for example to check the response from the server is the same that you have expected or If after execution of the scripts certain data Is present or not etc

POSTMAN SANDBOX

SANDBOX as the name suggest are basically the environment which we used to test our development and checked whether what we have created is workable or not

This is the general meaning of sandbox

So basically a postman sandbox is a feature that help you provide a controlled environment where you can easily test and checked all the feature

Postman sandbox has been written in javascript , it is an execution environment , since the sandbox has been written in javascript therefore it will eventually receive a script which is written in javascript

Hence we have to write the script in javascript to make the code executable in postman

EXECUTION ORDER OF SCRIPT IN POSTMAN

Request

Pre requested script >> request >> response >> response test script