API Testing – Backend Testing

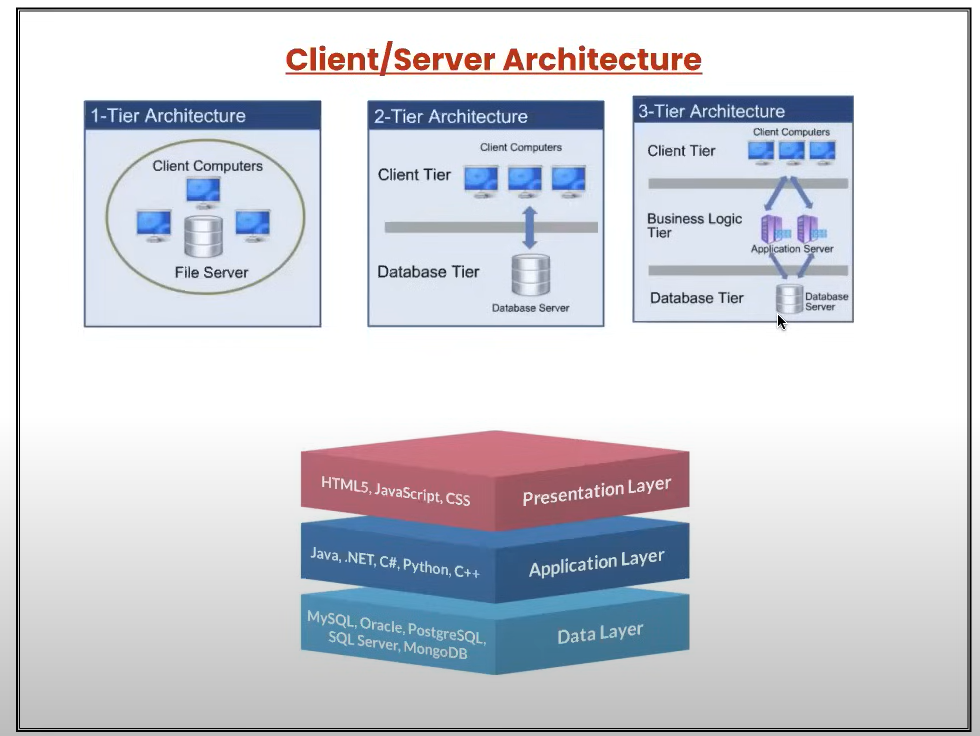
Manual Testing Tool – Postman

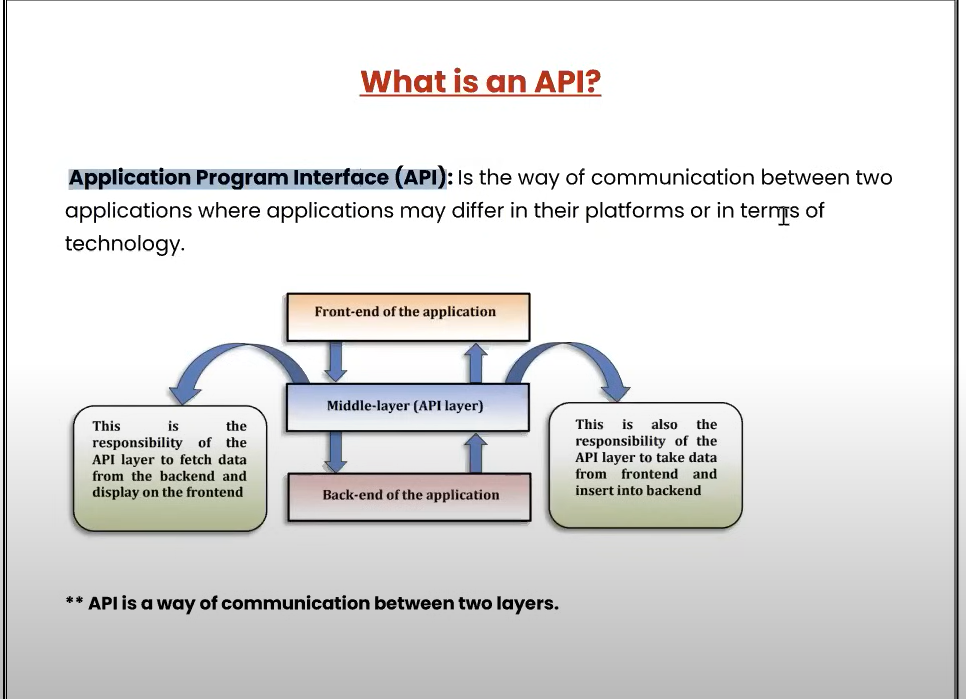
Automation Testing Tool – Rest Assured

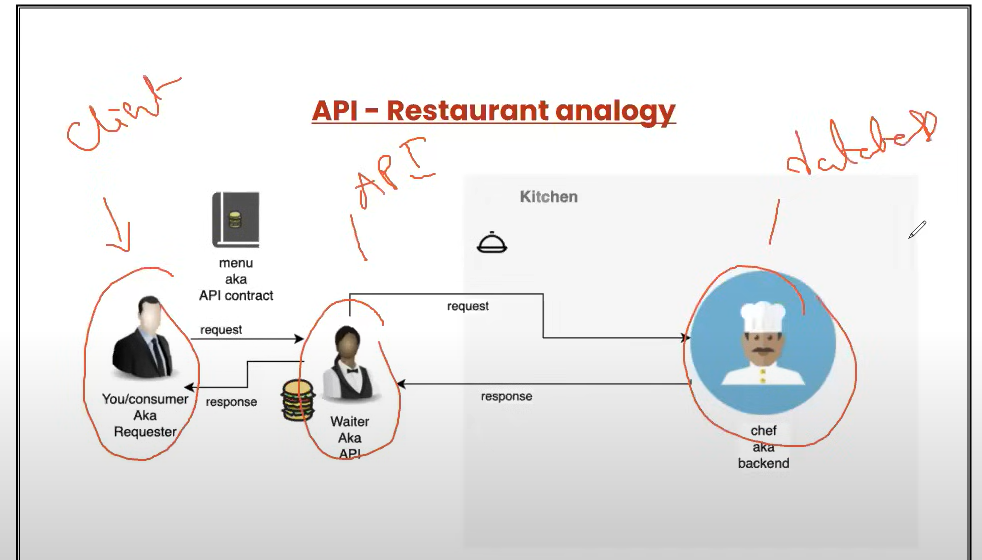
Client & Server

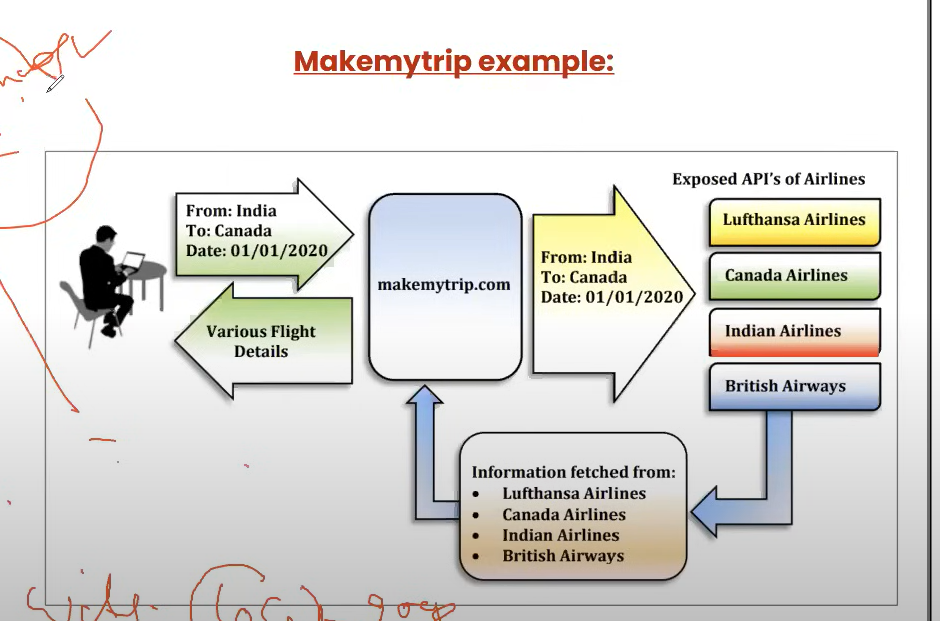
Server: A Computer that serves the services/application(webpage/information/data)

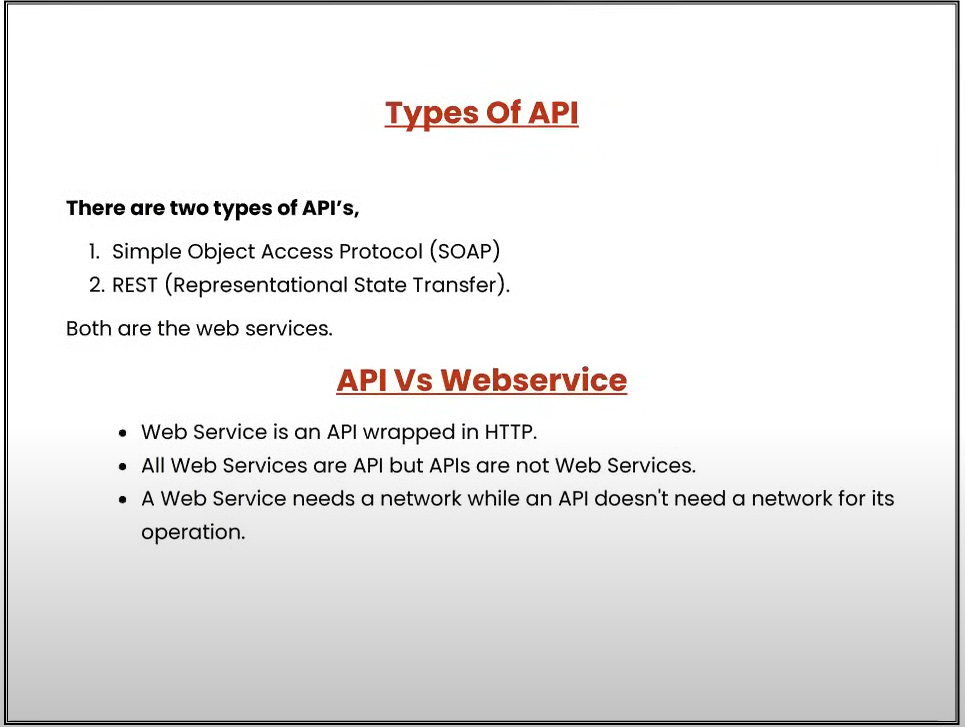
Client: A computer that makes the request for application to the server





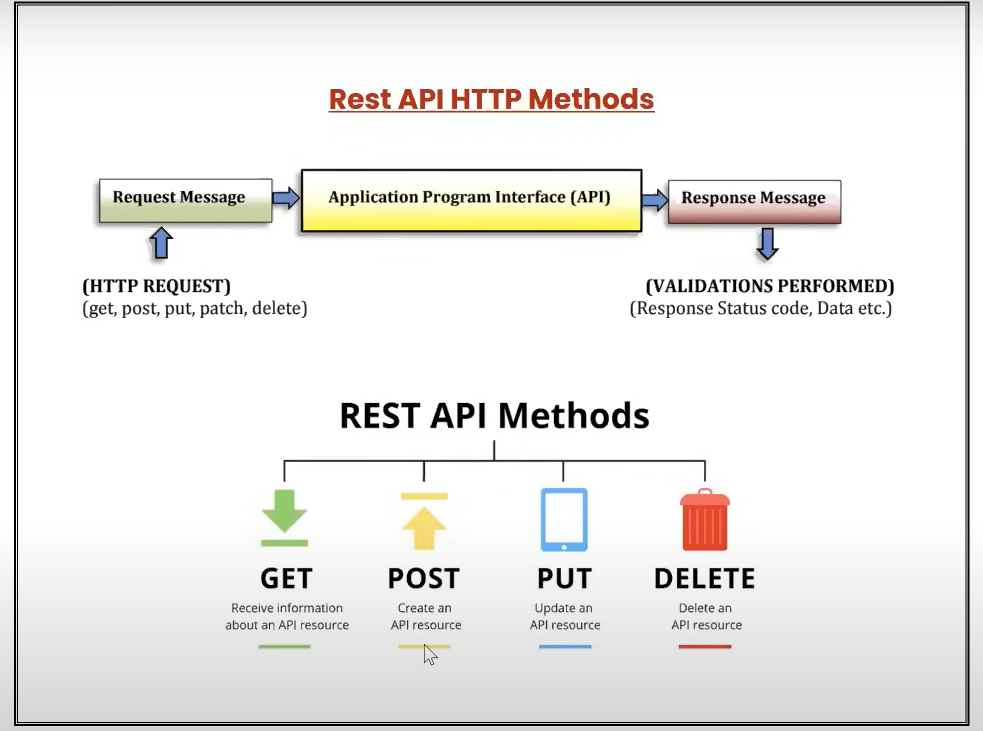


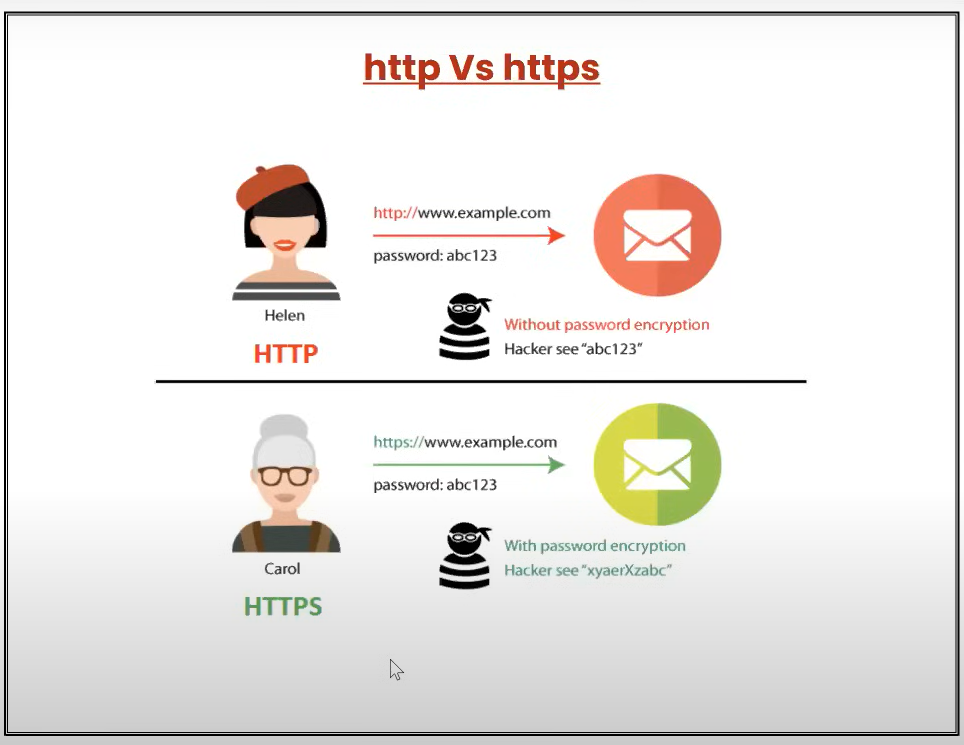


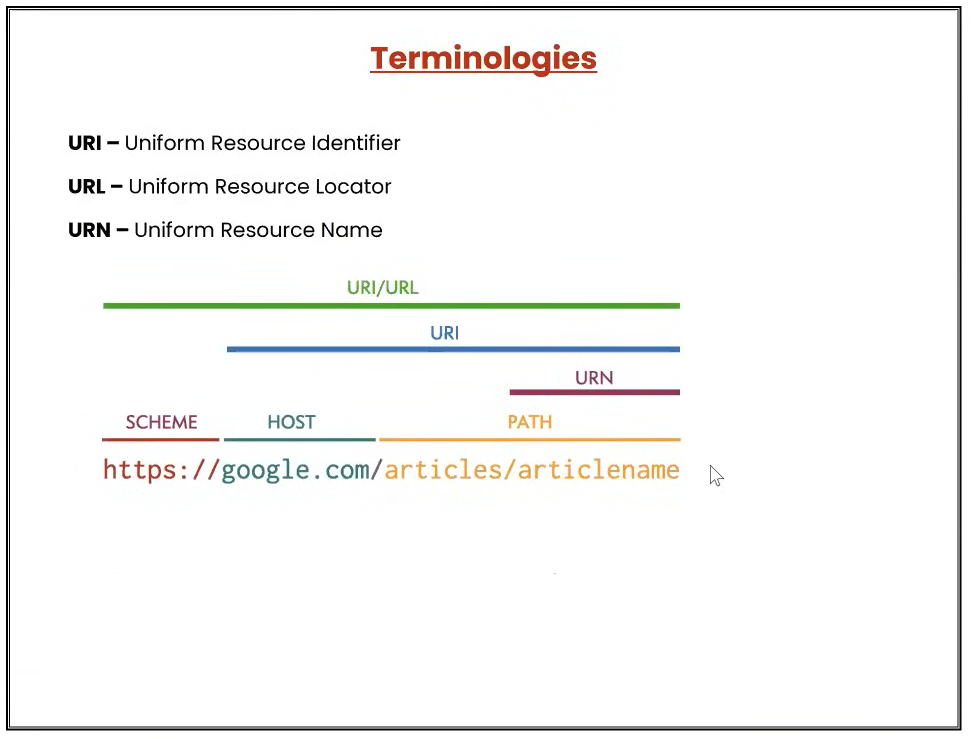


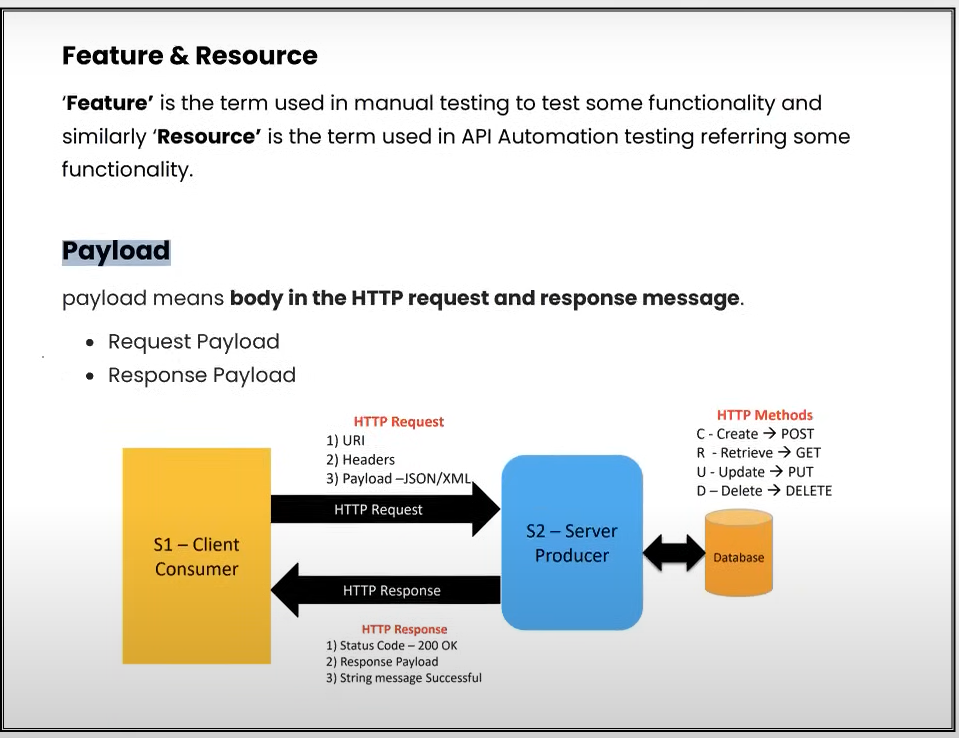
The main difference between an API and a Web Service is: API is used internally (not placed on the internet), once an api is placed on the internet, it’s called Web Service.

REST API Methods / HTTP Request

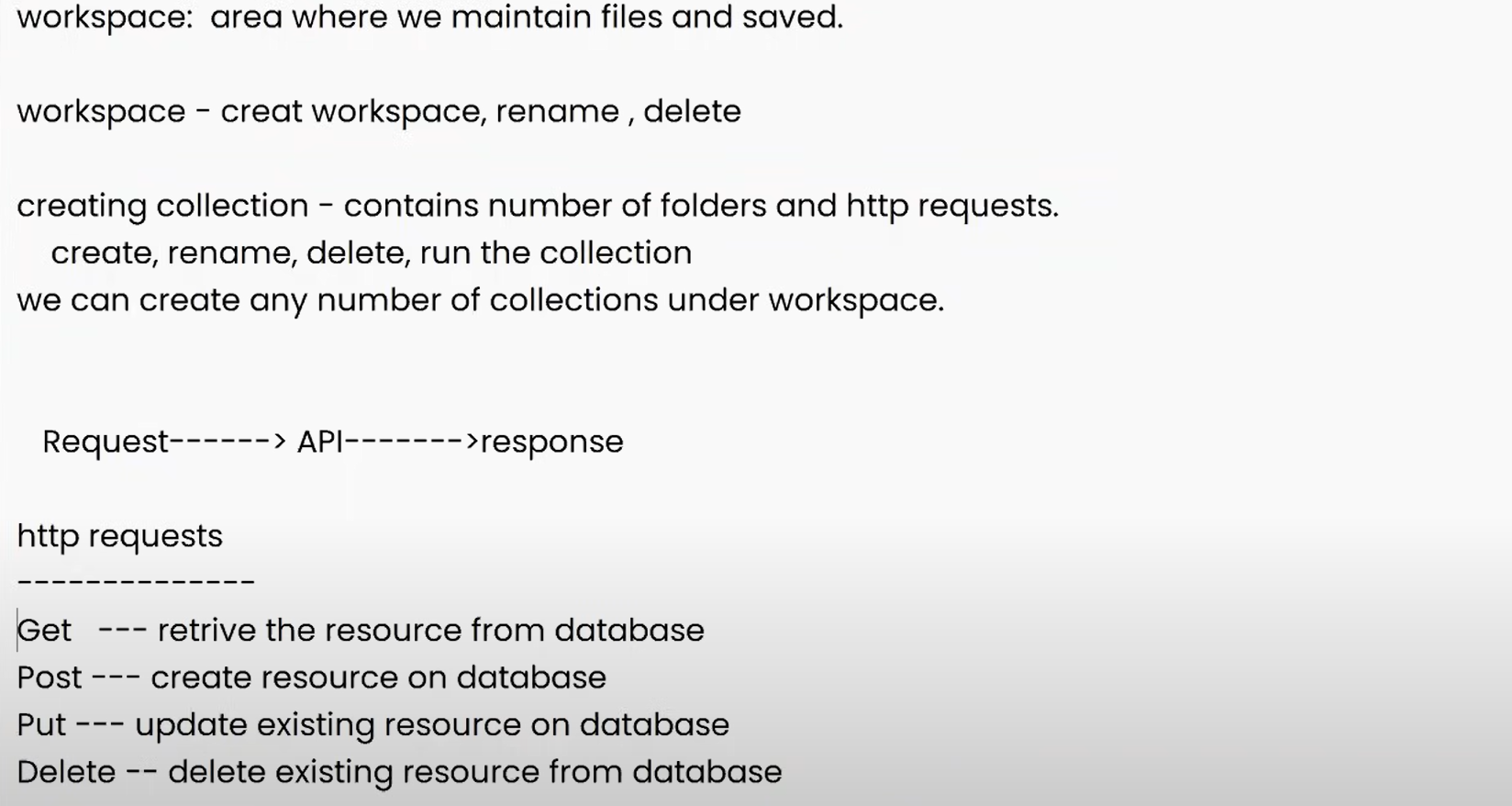




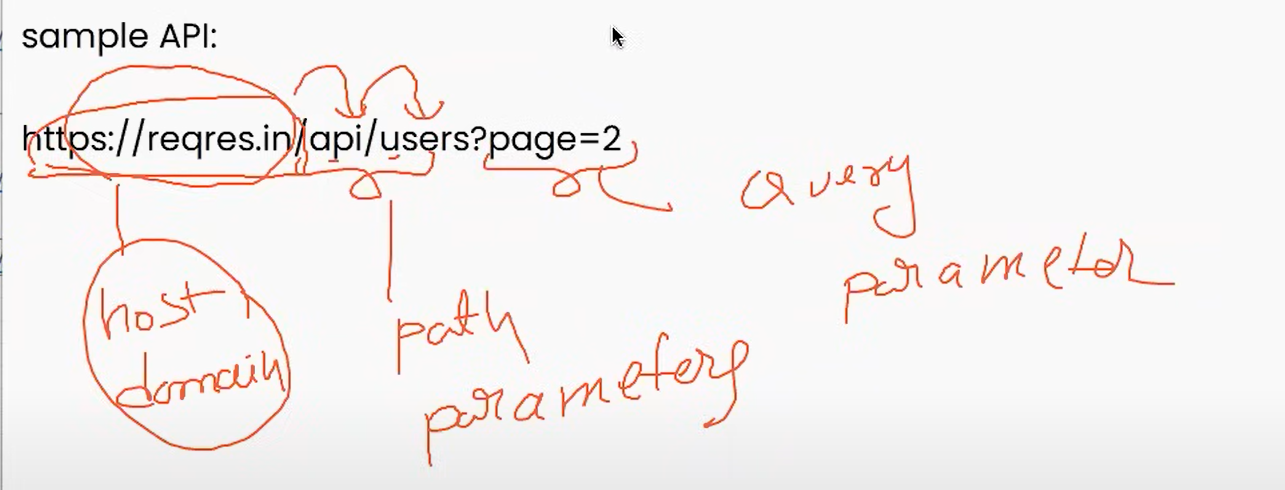


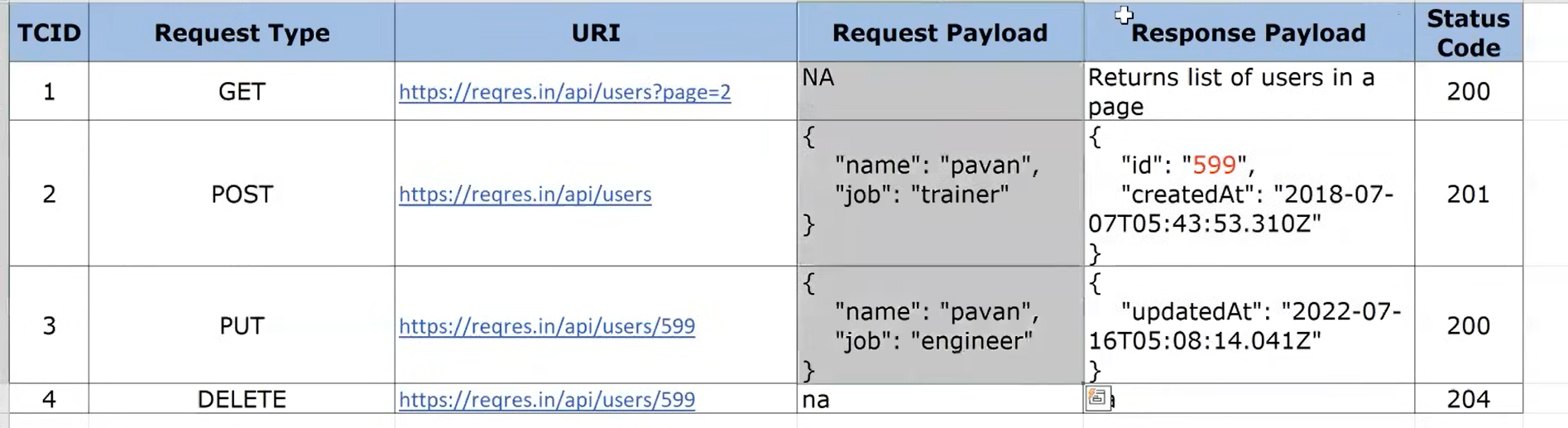


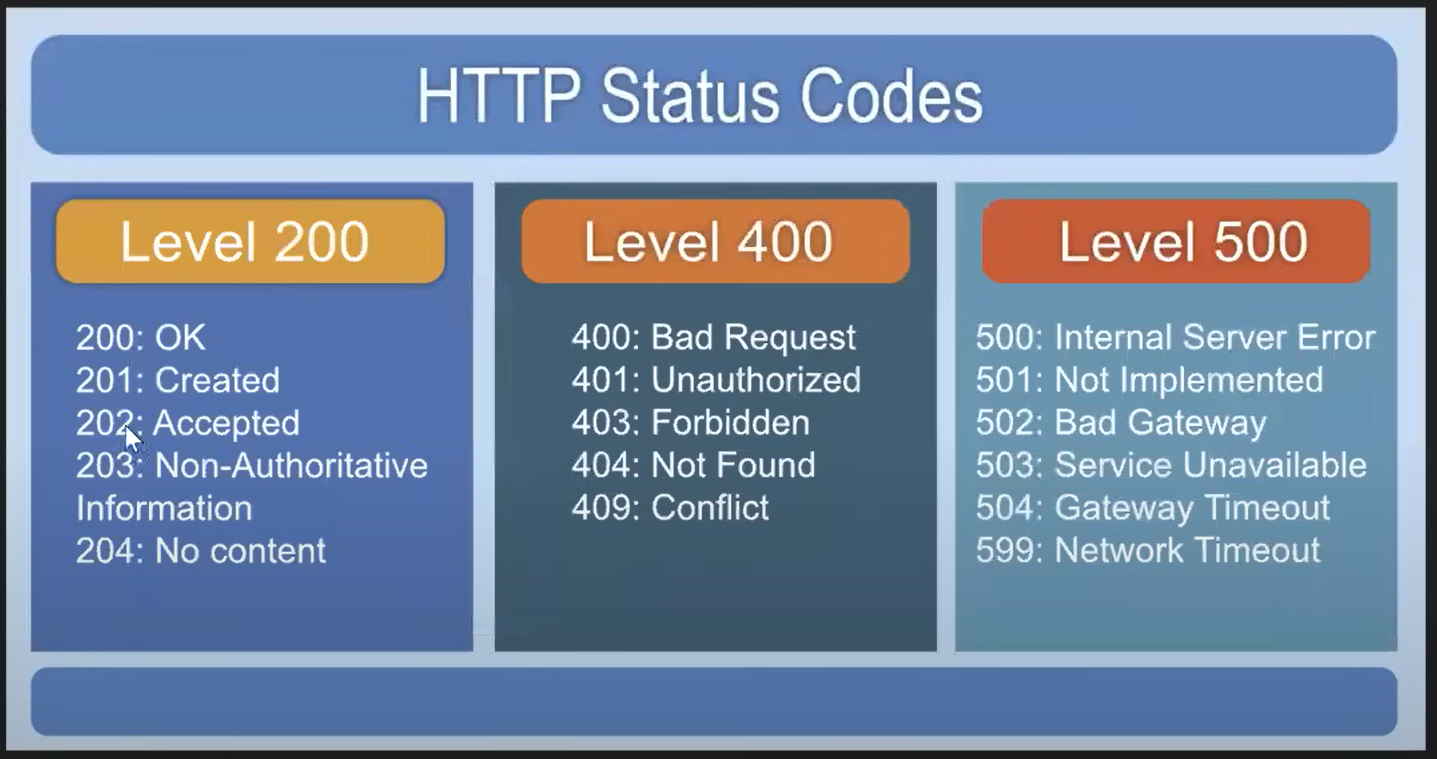
Request Payload & Response Payload: The data which we send with the request is called Request Payload and the data we receive with the Response is called as Response Payload.











A screenshot of a computer

Description automatically generated

A black screen with white text

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A screenshot of a computer

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A close-up of a computer screen

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A screenshot of a computer

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A screenshot of a computer

Description automatically generated

A computer code with text

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A screenshot of a computer

Description automatically generated

A close-up of a web page

Description automatically generated

A screenshot of a computer

Description automatically generated