1. What is REST API
2. Concepts in REST
3. Client tool 🡪 POSTMAN
4. Status codes
5. url patterns
6. CRUD operation on local data
7. JSON – Javascript Object Notation

What is JSON?

1. Javascript Object Notation
2. It is very light weighted data fromat for transferring data.
3. JSON is lang. independent

{

“id”:101,

“fname”:”John”,

“Lname”:”Dsouza”

}

How we can define json data:-

1. It should be in curly braces
2. For Numbers no need to use quotes
3. It can accept Boolean values
4. Array
5. Nested Json object

REST is going to use HTTP protocol

There are some Methods which will help us to perform CRUD operation on resource

1. POST -create new entity
2. GET – for reading, fetching data
3. PUT – for updating data
4. DELETE – for deleting data

Server

client

At Request from client

1. Request line 🡪Request line-
2. Header Variables
3. Message Body

At Response from Server

1. Response line 🡪 status code which will be handled by protocol
2. Header Variables
3. Message Body

Status codes:

100-199 Represent information

200-299 Represent success

300-399 Represent Redirection information

400-499 Represent Client error

500-599 – Represent server error