Rest API

* REST - Representational state transfer.
* RESTFUL services – web services that follows REST arch concept (stateless and client-server arch)
* Stateless means the server should and will not have the client state.
* Resource – is an Object in OOPS world.
* HTP methods
  + GET
  + POST
  + PUT
  + DELETE
  + PATCH
  + OPTIONS
  + TRACE
  + HEAD
* GET, HEAD, OPTIONS, TRACE -> are safe and idempotent
* PUT, DELETE -> not safe and idempotent only
* POST, PATCH -> not safe and not idempotent

Reference: https://httpstatuses.io/

1×× Informational

2×× Success

3×× Redirection

4×× Client Error

5×× Server Error

Commonly used status codes,

100 – Continue

102 - Processing

200 - OK

201 – Created

204 – request received but No content for response

301 – Moved permanently

307 – temporary redirected

308 – permanent redirected

400 - Bad request

401 - Unauthorized

403 - forbidden

404 - Not found

500 - Internal server error

502 – Bad gateway

503 – Service unavailable