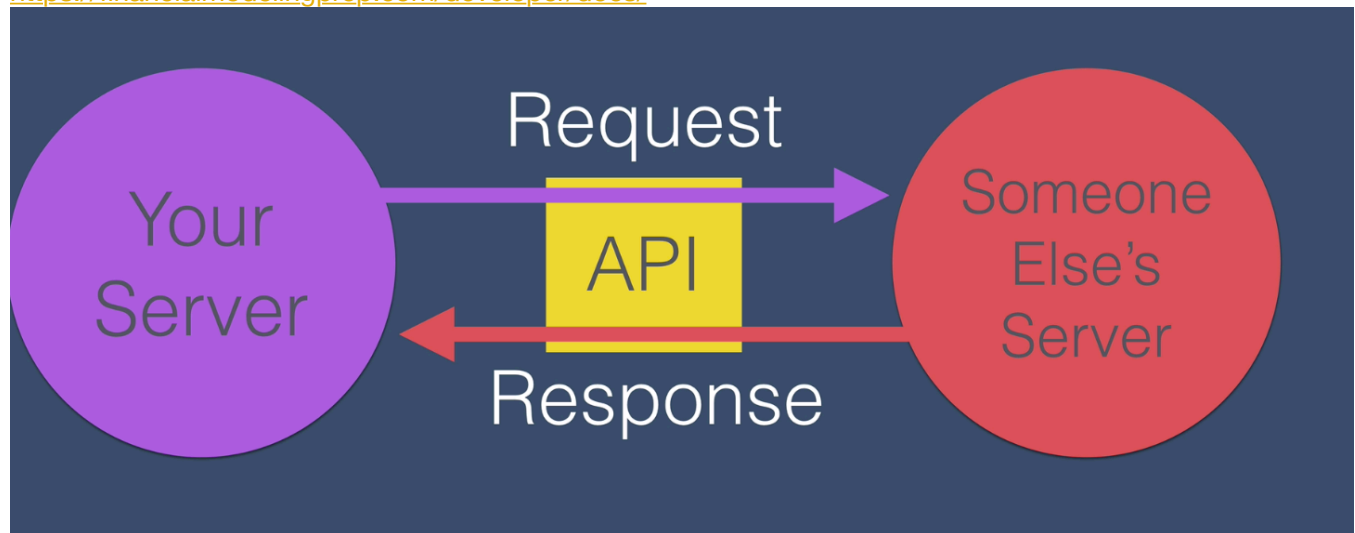API: an API is a set of commands, functions, protocols and objects that programmers can use to create software or interact with an external system.
For example: finance API
https://financialmodelingprep.com/developer/docs/

API :
  – Endpoints
  – Paths
  – Parameters
  – Authentication
For example:https://kanye.rest/
API endpoint : https://api.kanye.rest/
(Make a get request to Kanye server , and send back a quote)
For example :https://sv443.net/jokeapi/v2/
EndPoint: https://sv443.net/jokeapi/v2/joke/
Add in Path : https://sv443.net/jokeapi/v2/joke/Programming?blacklistFlags=religious
 (be specific) We specify a specific path after the end point.
Go after the question mark after the url ("?blacklistFlags=religious"), the key is blacklistFlags and after the equal sign is query
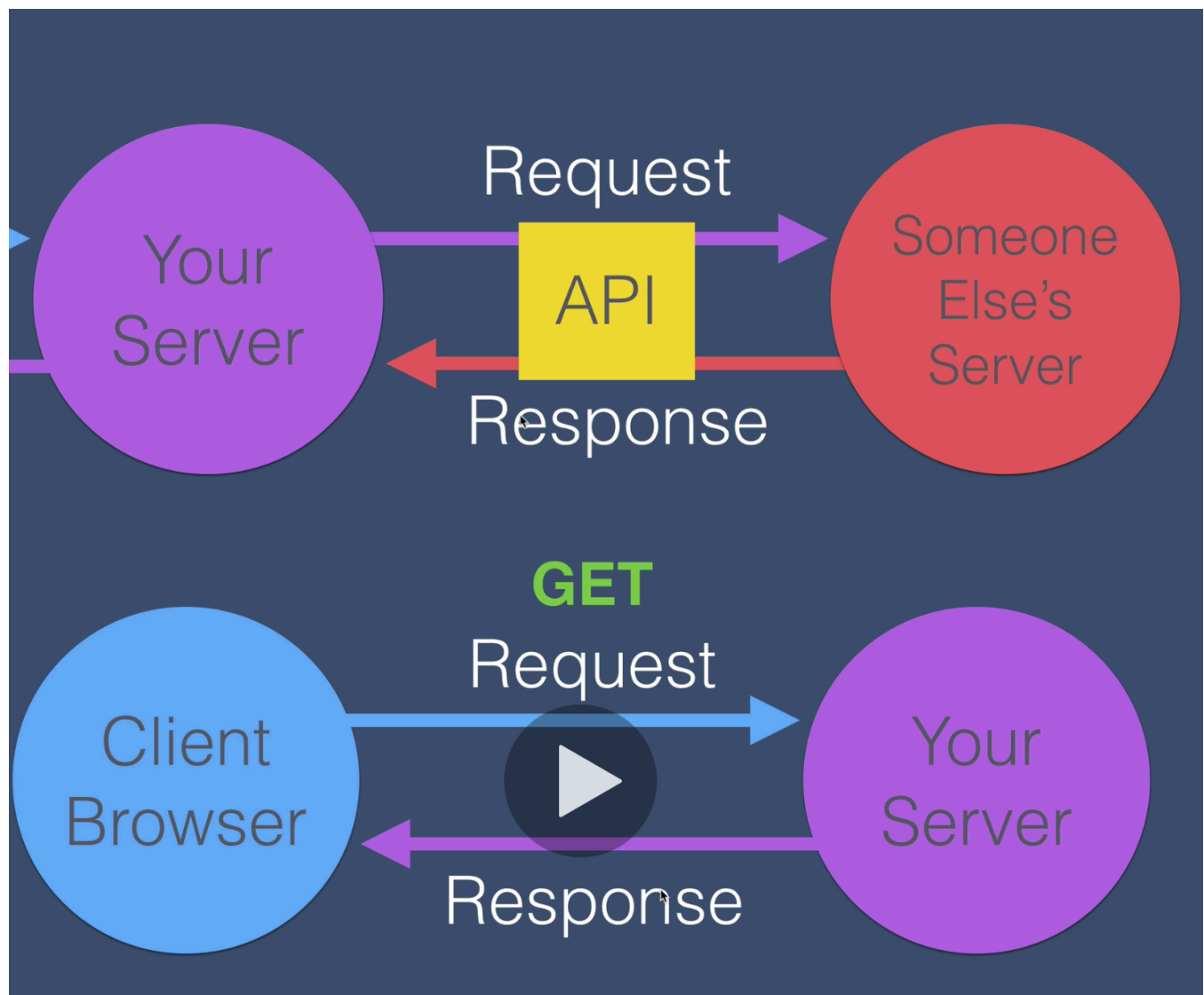
Authentication : they need to identify you as developer and how often you use their data , you will often see the pricing in the data providers.

PostMan : Postman is a collaboration platform for API development. Postman's features simplify each step of building an API and streamline collaboration so you can create better APIs—faster.

Json => javascript object notation!

```
var wardrobe = {
    doors: 2,
    drawers: 2,
    colour: "red"
}
```

There is also XML, HTML…
Try the Jason awesome chrome add on:

5 Ways to Make HTTP Requests in Node.js:

https://www.twilio.com/blog/2017/08/http-requests-in-node-js.html

A general workflow to create a project :

– Create .js/.html/.css file
(Main server is often called "app.js")
– npm init
– npm install express body-parser request

=> Now you can open up your project

Get Mailchamp :https://mailchimp.com/developer/guides/get-started-with-mailchimp-api-3/

Now we cam't use github page to deploy, or any other server that only support static webpage.
https://www.heroku.com/
Is what Angela recommend, you can create up to 5 project for free! They will host for free.
Getting start with heroku:
https://devcenter.heroku.com/articles/getting-started-with-nodejs#define-a-procfile