

Now, we must try testing our API, from web browser.

To send request to our API, from the browser we need to open Inspect Element

Then go to → Console tab.

Then, type the following command :-

```
fetch('http://localhost:8000/').then(res => res.json()).  
...then(console.log)
```

url, at which request  
is to be sent.

This command will basically request the API, and then print the response in the browser console.

If browser has any site opened, then request will be sent from that website. Thus, there will be an error, related to CORS.

## CORS :-

CORS (Cross Origin Resource Policy) allows us to make requests from a web browser, on one domain, to a server on a different domain.

By default, our API will only allow web browsers running on the same domain as our server, to make requests to it.

Ex:-

If a website is running on "ebay.com", and api is running on "google.com", then request made by website will be declined by the API. But, if the website & web browser also ran on same domain "google.com", then request will get accepted.

Origin :- Combination of protocol (http, https), domain name (www.google.com) and port number.

## Configuring CORS :-

Go to fastAPI documentation, and search "CORS". Open the 1st one. There is detailed way to configure cors in fastAPI.

[<https://fastapi.tiangolo.com/tutorial/cors/>]

Middleware :- Function that runs before every request (if configured).

For public APIs, we must allow all the origins using Origin = ["\*"]