REST Representational State Transfer) is an architectural style for designing networked applications.

Resources: Everything in REST is considered a resource, as user, a document etc.

HTTP Method: GET & > Retrieve information from the server POST > Submit data to the server to create a new resource.

BUT -> Update on susting resource or the server. DELETE-> Remove a resource from the Server.

Statelesoners: Each API call is independent, and the server does not store any information about the client state between requests.

Representation: Resources can be respresented in multiple formats such as

Emploints: URLs that represent the various resources in the API

Using Letch API

It allows you to make HTTP requests from the frontend.

```
GET Request
        Jetch ( https:// drample.com/ users')
        ". then (response => response. from ())
          · then (data => console.log (data))
          · Catch (err => Console. log (err));
 Using Anias
          It makes handling API bequests lasier
      GET Request:
                exios. get ('Lttps:// enample. Com/ users')

! then (susponse => { console. lag (response. data); })
                  · Catch (error => { console. error (error); 3);
     Endpoint GET/books: Retarieur a list of books
        Fetch all Books:
                 furction Jetch Books () {
                          Jetch (" Jetps: // example. com / books!)
                          then (rusponse =) rusponse. Json ())

then (books =) { (consale. log (books);
                          · Catch (err =) Consale. log (err));
```