

# 1-API : Application programming interface

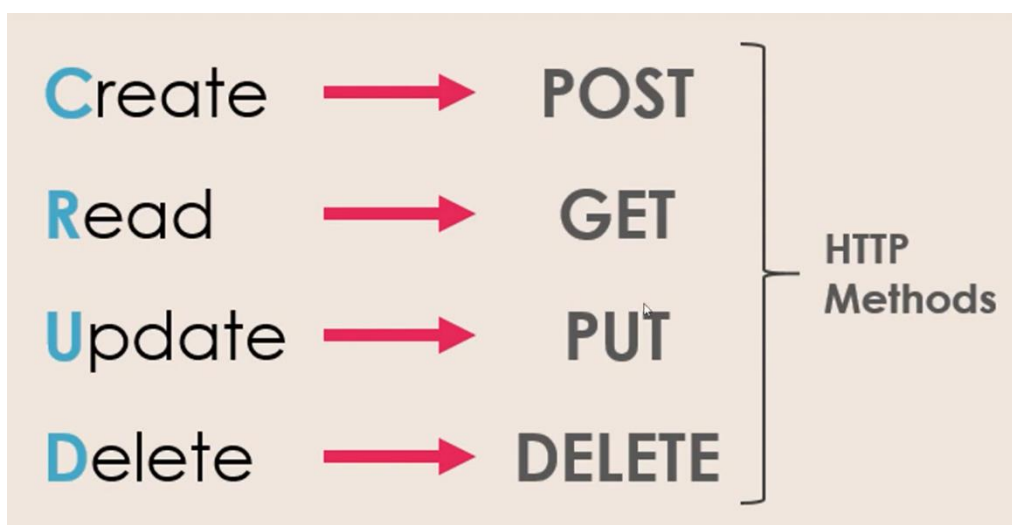
—First, the API is considered a key to the backend and is considered a link between the backend and the frontend. In short, the API is an interface that allows your application to communicate with another application and use its functions. The API can enable more than one program to communicate at the same time.

## 2-HTTP( Hypertext Transfer Protocol )

**-there are (HTTP Request – HTTP Response )**

\* When we use HTTP and do a post, if a hacker attacks, he will get the data, but if we use HTTPS like this, it is difficult for the hacker to get the data, and even if he gets it, he will find it encrypted.

\* HTTP Methods :



### 3-Monolith ( Full service) :

-The monolith depends on one model in building a software project and depends on a programming language alone.

### 4- Microservices:

While building your project, you can divide it into microservices, and each part can be programmed in a different programming language, unlike monolith. While building your project, you can divide it into microservices, and each part can be programmed in a different programming language, unlike monolith.