**What is an API ?**

**API is an abbreviation for Application Programming Interface** which is a collection of communication protocols and subroutines used by various programs to communicate between them. A programmer can make use of various API tools to make their program easier and simpler. Also, an API facilitates programmers with an efficient way to develop their software programs. Thus in simpler terms, an API helps two programs or applications to communicate with each other by providing them with the necessary tools and functions. It takes the request from the user and sends it to the service provider and then again sends the result generated from the service provider to the desired user.

A developer extensively uses APIs in his software to implement various features by using an API call without writing complex codes for the same. We can create an API for an operating system, database system, hardware system, JavaScript file, or similar object-oriented files. Also, an API is similar to a GUI(Graphical User Interface) with one major difference. Unlike GUIs, an API helps software developers to access web tools while a GUI helps to make a program easier to understand by users.

how to send a request to an API in JavaScript?

To make an HTTP POST request from a web browser, JavaScript offers two primary methods: the promise-driven fetch() API and the callback-driven XMLHttpRequest object. To send POST requests from Node.js, you can use the native "http" module. To make a POST request with JavaScript Fetch API, you must indicate the HTTP POST method name with the "method" parameter and the POST payload in the "body" parameter. Extra HTTP request headers can be set with the "headers" parameter. In this JavaScript POST request example, we send a POST request to the ReqBin echo URL using the fetch() method. Below are additional examples of sending JavaScript POST requests with XMLHttpRequest object. Click "Execute" to make a JavaScript POST request online and see the result.