

# FastAPI Cheat Sheet

## Path Parameters:

A path parameter is used to return a data relating to an input in the url path.

## Query Parameters:

A query parameter is similar to a path parameter, and they do similar functions. But a query parameter is not passed as a new path, instead it is written along path with the initial endpoint. An example of a query parameter is “search=Python” in this url

<https://google.com/results?search=Python>

## Endpoint Methods:

An endpoint is one end of a communication channel. For Apis, endpoints are urls. For example, the endpoint of “localhost/delete-user” is “delete-user”, so all endpoint has a task that they perform. There are four main types of endpoint methods, which are:

Method Name	Usage
GET	It is used to get or return an information
POST	This is used to create or add something new
PUT	It is used to update something that already exists
DELETE	This is used to delete something

## Useful Commands:

- pip install fastapi = used to install fastapi
- pip install uvicorn = used to install uvicorn which is responsible for running our fastapi project on the web server
- uvicorn file\_name:app --reload = this command is used to run our fastapi project on the localhost