

HTTP method

[get, post, patch, put, delete]

This are supported by browser and currently by

✶ Whenever we are going or hitting a url we are making a get api call to this route

How do we make a post API call?

We have to write some explicit code to do post API. there is almost no easy way. We can do it via fetch() of browser. to test API

Browser is not a good way to test Backend app.

✶ there is a Software called as Postman we will use this ✶

to do get call and post call separately

we do

```
app.get("/user", (req, res) => {
  res.send({ "name": "Pravin Yadav" })
})
```

```
app.post("/user", (req, res) => {
  // save data to db.
  res.send({ name "data saved successfully" })
})
```



```
app.get("/user", (req, res) => {
  res.send("Hello from user")
})
```

→ If request comes in `/user/xyz` it will still work `/user/12` → it will match everything.
If

Advance routing concepts

if we add `(?)` it will make it optional

← `abc` will be optional

`/user/abc?/abc?d`

↑ here `b` is optional now

`/user/ac` ← will also work.

Match pattern

- { `(?)` → it will make optional
- { `(+)` → it will match the pattern
- { `(*)` → anything between words will work

`/user/ab+cd` ←

`/user/abc` ← will work

`/user/abbbbbbcd` ← will work.

~~abcd~~

`/user/ab*cd` ←

`/user/abcd` ← will work

`/user/abbbcd` ← will work

↑ starts with ↑ ends with

you can put anything between. and it will work

we can also use Regex

just need `a` in word.
it will work.

```
app.get('/a', (req, res) => {
  res.send("Hello");
})
```

`/a` or `/a/`

we can also pass dynamic `userId`.

How to get query params in our route handlers

(req. query) (req. query)

How to make ~~query~~ dynamic API.

User/:userId

It means it's dynamic route.

to get this

(req. params)

query params

To get ~~query~~ in our route handler : ~~request~~

(req. query)

To get ~~route parameter~~ we use ~~req. params~~
dynamic routes


```
app.get("/abt", (req, res) => {
  app.res.send("you can enter to many b's
               in place of b")
})
```

/abc ← work /abbbbc ← will work.

~~Pattern will work.~~

Regex

should be in some place

app.use
app.get
app.post
app.delete
app.put
app.patch

(How to get query param in route handler)

to get query string as param from the url
we use

(req.query) ← we use (req.query)

```
app.get("/usr", (req, res) => {
```

req: console.log(req.query)

res.send("ok")

}

~~user~~

url: /usr?name=Pravin & Id=104 & Mark=114

↑
it will start from here

↑
name

↑
it will divide

↑
id

↑
mark

↑
query

it will divide and implement

How to handle dynamic Routes

/user/:userId ← Route
only to handle this
(Req. Params)

```
app.get("/user/:userId", (req, res) => {  
  res.send("data")  
  console.log(req.params)  
})
```

url will be = user/707

param will be: 707

we can also have complex id for routes also.

/user/:userId/username/:username

means it's dynamic routes.

So

So

for all codes use or refer git hub.