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POSTMAN FUNDAMENTALS

- ★ We can save ~~request~~ response / download it.
- ★ We can search the ~~re~~ required object using Search for an instance: `URL/Search?key=value`.

When we send the above request it will filter the objects based on given key value pair

→ can add multiple key value pairs.

for an instance: `URL/Search?key=value&key=value`

★ Key/Value pair used here are known as "Query Parameters".

→ key value pair is found under Headers Section.

★ We can send data to API

→ to do this goto → Body tab → write data

goto → Headers → Key → content-Type

value → application/json

→ Send

Δ DELETE METHOD

→ use this method to delete an object from API

for ex: `URL/books/1`

→ Select DELETE METHOD

→ write URL

→ SEND

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△ Authorization

- to be authorized to manipulate APIs you need to have username & password.
- For that go to → Authorization tab
 - ~~SA~~ Select "Type"
 - Then, Enter username & password
 - Preview request.
 - Send

△ Preset Headers

- We can make some settings in Postman. We can make POSTMAN to remember few headers.
 - For this, go to Headers menu
 - go to → Presets dropdown → manage preset
 - click Add button.
 - Label the preset
 - add key value pairs (Headers)
 - ~~Add~~ click on "Add" button
 - new tab
 - go to presets → library
- It will add the headers automatically.

△ Environment Variables

- If you need different headers for different env.
- to add an environment
 - go to [⚙️] gear tab click on it → manage env.
 - click on "Add" btn.
 - Name & Key/Value [Name: Test, Key/Value: Header]

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- Now you can send request using environment
- Choose method
- write URL as: `http://127.0.0.1:3000/books`
- Choose Environment
- Click Send.

△ Import Utilities

- When we create request from actual Page.
- In Network tab you will see the response.
- that you can copy as cURL ~~text~~.
- And import.
- Paste Rawtext & Import.
- Then Send.

△ Proxy

- We can also send request using Proxy by setting up proxy.
- Click on Satellite btn
 - Specify 5555
 - Connect.

△ Tests

- postman has already provided some test cases (pre built test cases).
- just click on the tests provided and test multiple things.

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△ Basic tests

```
→ pm.test("Return 5 books", function() {  
  const books = pm.response.json();  
  pm.expect(books.length).toEqual(5);  
});
```