# Node js notes

Create package file through :- npm init

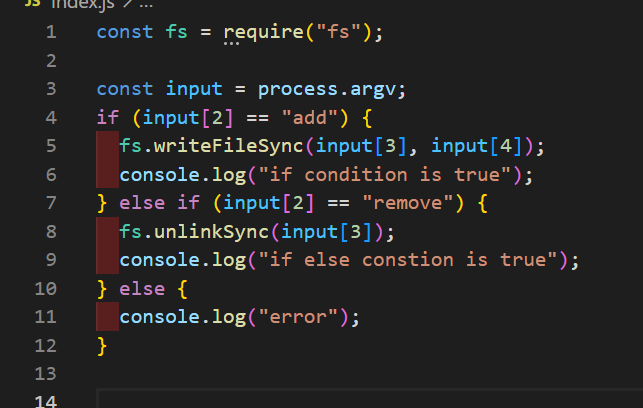
Note:- we never upload modules file or folder in the git repository, we can easily download there's file through :- npm install .

Fs => File system

We can easily create file and write some information insert the file through :- fs.writeFileSync()

we can also remove the file through :- fs.unlinkSync()

But in the both condition (create or remove) first we can require(fs) or import the fs.



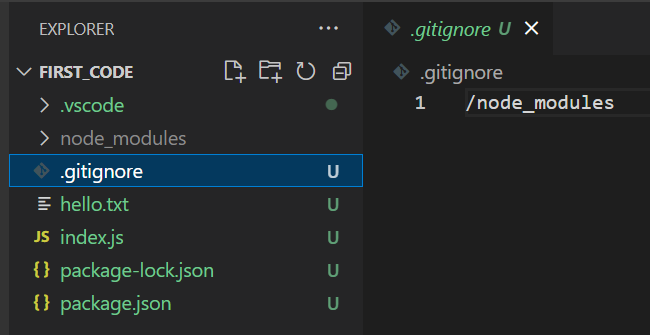
**http server** :-

http is help to create local server and http.createServer is also return the call back function, through :- http.createServer((res, resp)).listen({port no.}4000)



Through JSON.stringify() we can easily return the json data to make a API.

When we want to not update or push the file so, we can make {.gitignore} file and then insert the file name those we not want to not upload.



When we want to know about the files location so we can use :- {\_\_dirname} and when we want know about its {\_\_filename}

**Show and create file list in file system**

We can easily find the address of any directory through :- path.join(\_\_dirname, “file\_name”); but there is one condition we can only select or find the path of child folder :-

We can create multiple file and write the data inside the file through using for statement and we can also make file inside the folder :-

We can also read or show the file through single line of code, we need to use fs property :-



**Crud operation**

**Create** :- we can easily we a file with the help of using fs.writeFileSync(location, data);

**Read** :- we can also read in the information those store inside the file with the help of using :- fs.readFile(location, “it is use to change information beffer to string or text”,(err, data)).

**Update** :- we can easily update the file information with the help of using :- fs.appendfile(location, updated information).

**Rename**:- we can also do file rename through :- fs.rename({location and old filename}, {location and new file name}).

**Delete** :- we can also delete the file through :- fs.unlinkSync(location with file name).

