CREATING A SERVER USING EXPRESS.JS

```
PS G:\NODE PRACTICE> npm init -y
```

used import node

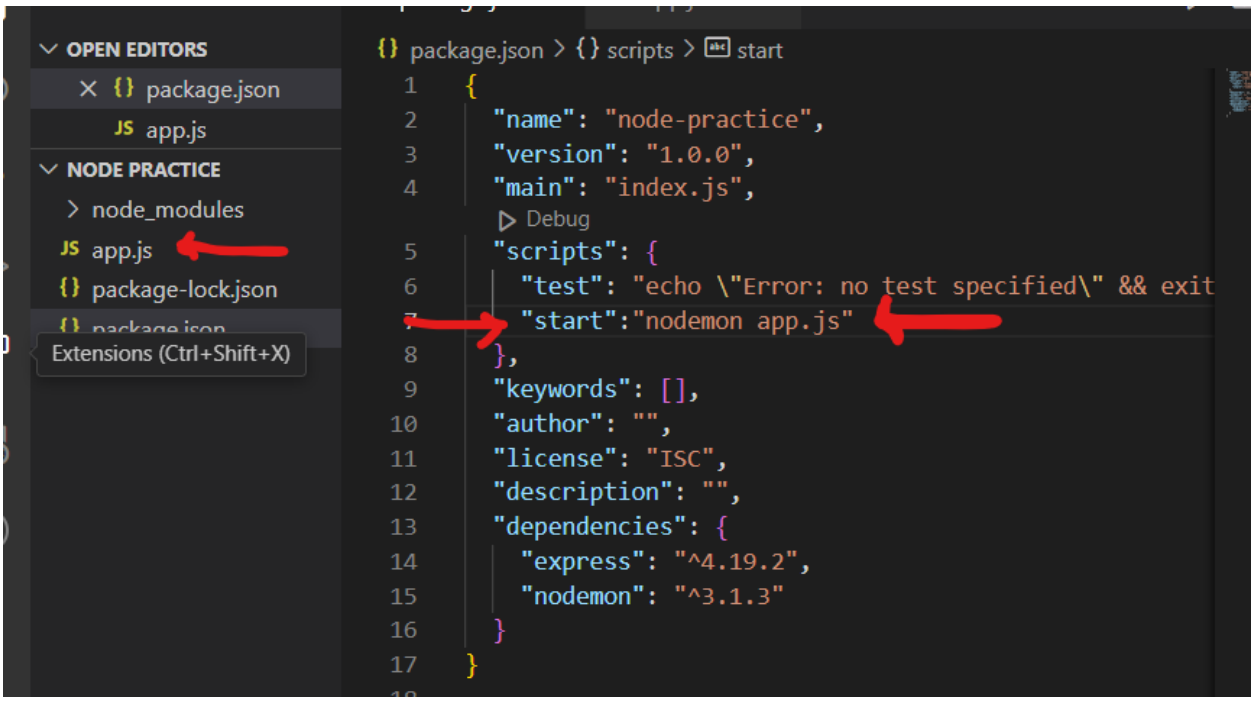
```
PS G:\NODE PRACTICE> npm i express nodemon
```

used import express & nodemon

Above 2 must be installed we are going through backend

To start server when we write npm start we have do →

In package.json file



Step by step creation of server using express

```
//sterp-1
const express = require("express");

//step-2 ->assingning above express to app
const app = express();

//step-3 --> assign port number to server
const port = 5000;



//step-4 --> to start server
//listen contains 2 parameters
//one we have to write port
// arrow function
app.listen(port, () => {
  console.log("Server started and running Successfully");
});
```

to start server npm start

```
PS G:\NODE PRACTICE> npm start

> node-practice@1.0.0 start
> nodemon app.js

[nodemon] 3.1.3
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node app.js
Server started and running Successfully
```

By using this server we can show response also(like output)→

By providing router→After clicking that routing then we will get response

** router will take 2 arguments
1) name of route

2) call back function -→ this will also take 2 arguments
1)request 2)response

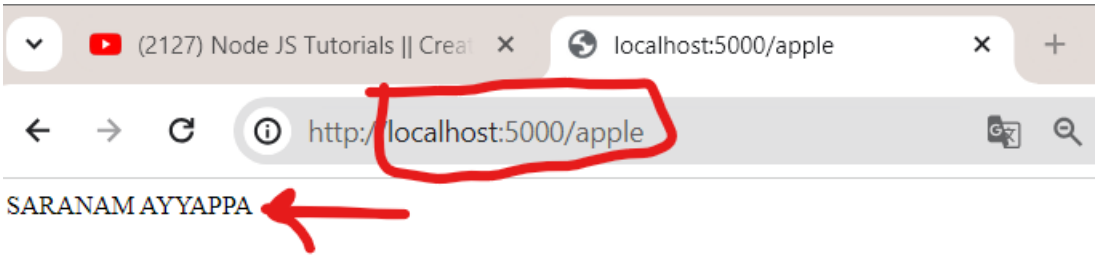
** to show out put -→ res.send()

```
//sterp-1
const express = require("express");

//step-2 ->assingning above express to app
const app = express();

//step-3 --> assign port number to server
const port = 5000;

//step-5 creation of router

app.get("/apple", (req, res) => {
  res.send("SARANAM AYYAPPA");
});

//step-4 --> to start server
//listen contains 2 parameters
//one we have to write port
// arrow function
app.listen(port, () => {
  console.log("Server started and running Successfully");
});
```

TO SEE OUT PUT

GO TO BROWSER → localhost:portnumber/nameofroute

Ex : localhost:5000/apple



Routing → is used to show response from the server