**Express JS**

Express JS is the JavaScript framework for node JS or it is the bunch of codes that add extra features in to node JS for organizing and structuring the web applications

Express makes the code 5 to 10times time saving .It is the most useful framework for backend.

**Let’s create our first server on our local computer using node and express JS.**

**A computer code with colorful text

Description automatically generated**

So app.listen make the server listen on 3000 port and it will also trigger one function by printing one statement , as we run node server.js then the command line doesn’t give any prompt it stops as server has started running , so this is the best practice by checking it .

A computer screen with text

Description automatically generated

So in this when request is been sended by accessing the local host at browser then it will send the response according to the code which we have written It is just like the flask where we can render the template , similar is the express JS

Since we were starting and closing the server again and again during our production this make irritating therefore there Is one package **nodemon**  with these we can be able to auto start our server.

A screenshot of a computer program

Description automatically generated

As we ctrl +s then it will automatically update the server and make the process easier rather than starting and closing the server.

A computer screen shot of text

Description automatically generated

So in this we send the files by using the method **sendFile()** where as in flask it was render template. Also in this there is nice concept used .

**\_\_dirname:-** This gives the full path of the file from root to the current directory . I have created that folder in desktop sand then saved as calculator then the path is

So the path of \_\_dirname will be this and after that we can add the file name with +”/file\_name”. and it will send the file to the client side .



Body parser is the the package which will help to take the data from the html file ,and store inside the json format and with these data we can do anything.

A computer screen shot of text

Description automatically generated