Express :

**Ref 1 : Complete project also :** [**https://www.lynda.com/Express-js-tutorials/What-well-build/502310/519126-4.html**](https://www.lynda.com/Express-js-tutorials/What-well-build/502310/519126-4.html)

**NPM tutorial : https://www.lynda.com/Web-Development-tutorials/Up-Running-NPM-Node-Package-Manager/409274-2.html**

Why NodeJs :

1)Server side scripting language

2)Asynchronous programme

3)NON blocking I/O

Why Express ?

1)Streamlined nodeJs

2)Adds server methods

3)Routing mechanism

4)Easy to creating an API

5)Middleware friendly : Allows us to add any module at the middle of the framework

How nodejs works ?

1)Load modules with require()

2)http module : It helps us to work with hypertext transfer protocol.

createServer(req,res){

res.writeHead();

res.write()

res.end()

}

server.listen(port)

Create app.js

var http = require(‘http’);

var myServer = http.createServer(function(req,res){

res.writeHead(200,{‘Content-Type’ : ‘text/plain’});

res.write(‘Hello world’);

res.end();

});

myServer.listen(8000);

console.log(‘Running’)

Server first send the response by writing the head.

Note : Code 200 is used to tell that everything is fine with the request.

Run by : node app.js

**How express works :**