http.createServer()

import  http  from 'http';

const server = http.createServer((req,res)=>{

    res.write("whats up man ");

    res.end();

});

const port = 5000;

server.listen(port, () =>{

    console.log(`port running in ${port}`);

})

import  http  from 'http';

const server = http.createServer((req,res)=>{

    res.setHeader('Content-Type','text/html');

    res.write('<h1>whats up man </h1>');

    res.end();

});

const port = 5000;

server.listen(port, () =>{

    console.log(`port running in ${port}`);

})

http creating server and redirecting according to url and methods

import 'dotenv/config';

import  http  from 'http';

const server = http.createServer((req,res)=>{

    try{

        if(req.method =='GET'){

            if(req.url == '/'){

                res.writeHead(200,'conntent-type/html');

                res.write('<h1>get /home page </h1>');

                res.end();

            } else{

                res.writeHead(200,'conntent-type/text');

                res.write('no such GET method allowed');

                res.end();

            }

            } else{

            throw new Error("method not allowed");

        }

    }catch(error){

        res.writeHead(404,'conntent-type/text');

        res.write('no POST method allowed');

        res.end();

    }

});

const PORT = process.env.PORT;

server.listen(PORT, () =>{

    console.log(`port running in ${PORT}`);

})

Create http server and reading file path dir

import 'dotenv/config';

import  http  from 'http';

const server = http.createServer((req,res)=>{

    try{

        if(req.method =='GET'){

            if(req.url == '/'){

                res.writeHead(200,'conntent-type/html');

                res.write('<h1>get /home page </h1>');

                res.end();

            } else{

                res.writeHead(200,'conntent-type/text');

                res.write('no such GET method allowed');

                res.end();

            }

            } else{

            throw new Error("method not allowed");

        }

    }catch(error){

        res.writeHead(404,'conntent-type/text');

        res.write('no POST method allowed');

        res.end();

    }

});

const PORT = process.env.PORT;

server.listen(PORT, () =>{

    console.log(`port running in ${PORT}`);

})

http server reading html file when url matches

import 'dotenv/config';

import  http  from 'http';

import fs from 'fs/promises';

import url from 'url';

import path, { join } from 'path';

const \_\_filepath = url.fileURLToPath(import.meta.url);

const \_\_dirpath = path.dirname(\_\_filepath);

console.log(import.meta.url)//file:///C:/Users/darshan/OneDrive/Desktop/node%20js/server.js

console.log(\_\_filepath);      //C:\Users\darshan\OneDrive\Desktop\node js\server.js

console.log(\_\_dirpath);       //C:\Users\darshan\OneDrive\Desktop\node js

const server = http.createServer(async (req,res)=>{

    let filepath;

    try{

        if(req.method === 'GET'){

            if(req.url === '/'){

               filepath = path.join(\_\_dirpath, 'public','home.html');

            } else if(req.url === '/about'){

                filepath = path.join(\_\_dirpath, 'public','about.html');

            } else {

                throw new Error("no such method found");

            }

            const data = await fs.readFile(filepath);

            res.writeHead(404,'conntent-type/html');

            res.write(data);

            res.end();

        } else {

            throw new Error("method not allowed");

        }

    }catch(error){

        res.writeHead(404,'conntent-type/text');

        res.write('cannot found');

        res.end();

    }

});

const PORT = process.env.PORT;

server.listen(PORT, () =>{

    console.log(`port running in ${PORT}`);

})