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Node\_Assignment 2

1.

->

const express = require('express');

const app = express();

app.get('/home/:name',function(req,res){

res.send(req.params.name);

});

app.listen(3000);

2.

->

const express = require('express');

const app = express();

app.get('/home/:name',function(req,res){

var d = new Date();

var n = d.getFullYear();

year=n-req.query.age;

res.send('Year : ' + year);

});

app.listen(3000);

3.

->

var express = require('express');

const app = express();

app.get('/home',(req,res)=>{

res.send("successful");

});

var port = process.argv[2];

app.listen(port, () => {

console.log(`Example app listening at http://localhost:${port}`)

});

4.

->

var express = require('express');

const app = express();

app.get('/',function(req,res){

res.send('Hello World');

});

app.get('/time',(req,res)=>{

let date=new Date();

res.send(date);

})

var port = process.argv[2];

if(port){

this.port=port;

}else{

port=8080;

}

app.listen(port, () => {

console.log(`Example app listening at http://localhost:${port}`)

});

5.

->

var express = require('express');

var morgan = require('morgan');

const app = express();

app.set('view engine', 'ejs')

var bodyParser = require('body-parser')

var urlencodedParser = bodyParser.urlencoded({ extended: false })

app.use(morgan('dev'));

app.get('/',function(req,res){

res.sendFile(\_\_dirname +'/str.html');

});

app.post('/form', urlencodedParser, function(req,res){

console.log(req.body.str);

var str2=req.body.str;

var splitWord = str2.split("");

var reverseWord = splitWord.reverse();

joinedWords = reverseWord.join("")

res.send(joinedWords);

})

port=8080;

app.listen(port, () => {

console.log(`Example app listening at http://localhost:${port}`)

});

6.

->

var express = require('express');

var morgan = require('morgan');

const app = express();

app.set('view engine', 'ejs')

app.use(morgan('dev'));

app.use(express.static('public'))

app.get('/',(req,res) => {

res.render('home');

})

port=8080;

app.listen(port, () => {

console.log(`Example app listening at http://localhost:${port}`)

});

EJS file ------------>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

<link rel="stylesheet" href="style.css">

</head>

<body>

<h1>The Rock</h1>

</body>

</html>

Style.css static file --------------------->

body{

background: black;

background-image: url(https://imgk.timesnownews.com/story/Brock\_Lesnar\_2.jpg?tr=w-1200,h-900);

}

7.

->

var express = require('express');

var morgan = require('morgan');

const app = express();

const items = [

{

id: 01,

item: 'Apple',

price: 100

},

{

id: 02,

item: 'Banana',

price: 200

},

{

id: 03,

item: 'Orange',

price: 300

},

{

id: 04,

item: 'Mango',

price: 500

}

];

var bodyParser = require('body-parser')

var urlencodedParser = bodyParser.urlencoded({ extended: false })

app.set('view engine', 'ejs')

app.use(morgan('dev'));

app.use(express.static('public'))

app.get('/',(req,res) => {

res.render('home', {items});

})

app.post('/', urlencodedParser, function(req,res){

var str1=req.body.str;

items.push({item: str1});

console.log(items);

res.render('home',{items})

})

app.get('/items/:id',(req,res) => {

for(let i=0;i<items.length;i++){

if(items[i].id == req.params.id){

console.log(items[i]);

res.send(items[i]);

}

else{

res.send('Element not found')

}

}

})

port=8080;

app.listen(port, () => {

console.log(`Example app listening at http://localhost:${port}`)

});

VIEW Code ------------->

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

<link rel="stylesheet" href="style.css">

</head>

<body>

<div class="items-list"></div>

<h1>List of Items</h1>

<% if (items.length > 0) { %>

<% items.forEach(item => { %>

<li><%= item.item %></li>

<% }) %>

<% } %>

<form action="/" method="post">

<input type="text" name="str">

<input type="submit" value="Add Item">

</form>

</body>

</html>

CSS Code ------------------->

body{

background: rgb(205, 205, 223);

}

8.

->

const pug = require('pug');

var express = require('express')

var app = express()

app.set('view engine', 'pug')

app.get('/home', function (req, res) {

res.render('index', { date: new Date().toDateString() })

})

app.listen(8000);

9.

->

const express = require('express')

const app = express()

const fs = require('fs')

app.get('/',(req,res) => {

fs.readFile('sum.txt','utf8',(err,data) => {

console.log(data);

console.log(typeof(data));

const myJSON = JSON.parse(data);

console.log(typeof(myJSON));

res.send(myJSON);

})

})

port=8080;

app.listen(port, () => {

console.log(`Example app listening at http://localhost:${port}`)

});