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**Class: CS7A**

**Task 1:**

**Code:**

**Index.html:**

<html>

<head>

<title>Express HTML</title>

</head>

<body>

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

First Name: <input type="text" name="fname">

<br>

Last Name: <input type="text" name="lname">

<br>

<button type="Submit">Submit</button>

</form>

</body>

</html>

**Js:**

const express = require('express');

const app = express();

const path = require('path');

const router = express.Router();

var bodyParser = require('body-parser');

var multer = require('multer');

var upload = multer();

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

res.sendFile(path.join(\_\_dirname+'/index.html'));

//\_\_dirname : It will resolve to your project folder.

});

app.use(bodyParser.json());

app.use(bodyParser.urlencoded({ extended: true }));

//form-urlencoded

// for parsing multipart/form-data

app.use(upload.array());

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

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

console.log(req.body);

res.send("recieved your request!");

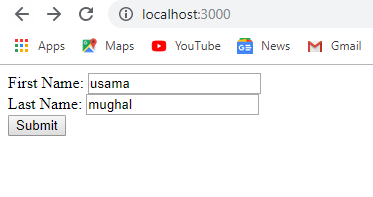
});

//add the router

app.use('/', router);

app.listen(process.env.port || 3000);

**Output:**





**Task 2:**

Code for index.html:

<head>

<meta charset="UTF-8">

<title>Upload file</title>

</head>

<body>

<form action="/uploadfile" enctype="multipart/form-data" method="POST">

<input type="file" name="myFile" />

<input type="submit" value="Upload a file"/>

</form>

</body>

</html>

Code for index.js:

const express = require('express')

const bodyParser= require('body-parser')

const multer = require('multer');

const app = express();

app.use(bodyParser.urlencoded({extended: true}))

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

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

});

var storage = multer.diskStorage({

destination: function (req, file, cb) {

cb(null, 'upload')

},

filename: function (req, file, cb) {

cb(null, file.fieldname + '-' + Date.now())

}

})

var upload = multer({ storage: storage })

app.post('/uploadfile', upload.single('myFile'), (req, res, next) => {

const file = req.file

if (!file) {

const error = new Error('Please upload a file')

error.httpStatusCode = 400

return next(error)

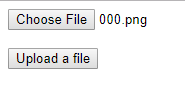
}

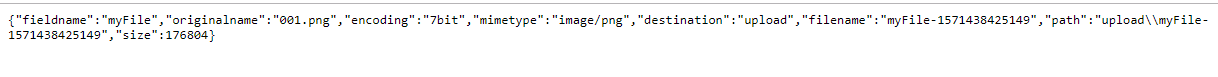
res.send(**file**)

})

app.listen(3000, () => console.log('Server started on port 3000'));

**Output:**





**Task 3:**

**Pug file:**

html

head

HTML Form in Pug

body

center

h1 HTML Form in html

form(method='POST')

input(name='fname', placeholder='Enter name...')

br

br

input(type='number', name='age', placeholder='Enter age...')

br

br

button(type='submit') Submit

**Js file:**

var express = require('express');

var bodyParser = require('body-parser');

var multer = require('multer');

var upload = multer();

var app = express();

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

app.set('views','./views');

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

res.render('form'); });

app.use(bodyParser.json()); // for parsing application/xwww- app.use(bodyParser.urlencoded({ extended: true })); //form-urlencoded

//for parsing multipart/form-data

app.use(upload.array());

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

app.use(bodyParser.json());

app.use(bodyParser.urlencoded({ extended: true }));

//form-urlencoded

// for parsing multipart/form-data

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

console.log(req.body);

res.send("recieved your request!");

});

app.listen(3000);

**Output:**

