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| **Lab No: 7** | **Reg No: 217918** |

**TASK 1:**

var express = require('express');

var app = express();

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

var path = require('path');

app.use(express.static(path.join(\_\_dirname, 'public')));

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

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

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

var fname = req.body.fn;

var lname = req.body.ln;

console.log("First name: "+fn);

console.log("Last name: " +ln);

console.log(req.body);

});

app.listen(8080);

**HTML Portion:**

<!DOCTYPE html>

<html>

<body>

<form action="/submitform" method="post" target="\_blank">

First name: <input type="text" name="fn"><br>

Last name: <input type="text" name="ln"><br>

<input type="submit" value="Submit">

</form>

<p>Clicking on the submit button submits the form using post method. </p>

</body>

</html>

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**TASK 2:**

var express = require('express');

var app = express();

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

var multer = require('multer');

var storage = multer.diskStorage({

destination:function(req,file,cb){

cb(null, './public');

},filename:function(req,file,cb){

cb(null,file.orignalname);

}

});

var upload = multer({storage:storage});

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

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

app.post('/fileupload',upload.single('file'),function(req,res){

try{

res.send(req.file.orignalname + "is uploaded successfully!");

}catch(err){

res.send(400);

}

});

app.listen(8080);

**HTML Portion:**

<!DOCTYPE html>

<html>

<body>

<h3>Show a file-select field which allows only one file to be chosen:</h3>

<form action="/fileupload" method = "post" enctype="multipart/form-data">

Select a file: <input type="file" name="file"><br>

<input type="submit">

</form>

</body>

</html>

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**TASK 3:**

var express = require('express');

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

var multer = require('multer');

var upload = multer();

var app = express();

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

res.render('form');

});

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

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

// for parsing application/json

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

console.log(req.body);

res.send("Request received!");

});

app.listen(8080);

**pug:**

html

html

head

title Form Tester

body

form(action = "/", method = "POST")

div

label(for = "fn") First Name:

input(name = "fn" value = "Sid")

br

div

label(for = "ln") Last Name:

input(name = "ln" value = "Walker")

br

button(type = "submit") Submit

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