# Miscellaneous Task

## If you want to set 404 status code on page not found error.

const expr=require("express"); const app=expr(); app.get("/",(req,res)=>{ res.write("Home Page"); res.send();

})

app.get("/student",(req,res)=>{ res.write("Student Page"); res.send();

})

app.get("\*",(req,res)=>{ res.status(404).send("page not found");

})

app.listen(8081,()=>{console.log("server started");})

**Write an expressJS code to perform following tasks.**

## Create a html form with two number field and addition button.

* **Use get method to fetch the data and store the data in cookie. This should be performed on “/submit” page and then redirect it to “/add” page to calculate the addition of the number.**

## This cookie should be expired after 5 seconds. Once cookie expired, then redirect user to home page.

**5.js :**

const express = require('express');

const cookieParser = require('cookie-parser'); const app = express(); app.use(cookieParser());

// Route for the home page app.get('/', (req, res) => {

res.sendFile( dirname + '/uppercase.html');

});

// Route to handle form submission and store the numbers in cookies app.get('/submit', (req, res) => {

const {num1,num2} = req.query; const number = {num1,num2}

res.cookie('cookie\_number', number, { maxAge: 5000 }); res.redirect('/add');

});

// Route to handle addition and retrieve the numbers from cookies app.get('/add', (req, res) => {

var c\_n = req.cookies.cookie\_number; if(c\_n){

const sum = parseInt(c\_n.num1) + parseInt(c\_n.num2); res.send(`Sum: ${sum}`);

}

else{ res.redirect('/');

}

});

// Start the server app.listen(3000);

**5.html :**

<html>

<head>

<title>Addition Form</title>

</head>

<body>

<h1>Addition Form</h1>

<form action="/submit" method="GET">

Number 1:<input type="number" id="num1" name="num1" required><br><br> Number 2:<input type="number" id="num2" name="num2" required><br><br>

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

</form></body>

</html>

**Example- Multer (Allow only specific type file to be uploaded)**

**Write an express js script that allows only pdf type file to be uploaded using the multer middleware and saves the file to the specific directory called “specific”. If file other than pdf has been uploaded then it will give an error message that “Only PDF format allowed”. Also, final output to be displayed in browser through pug file.**

**Specific.js**

// require the installed packages

const express = require('express')

const multer = require('multer');

//CREATE EXPRESS APP

const app = express();

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

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

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

})

// SET STORAGE

var store = multer.diskStorage({

destination:"specific",

filename: function (req, file, cb) {

cb(null, file.originalname)

}

})

// Allow only pdf to be uploaded

const filter = (req, file, cb) => {

if (file.mimetype == "application/pdf" ) {

cb(null, true);

} else {

cb(null, false);

return cb('Only pdf format allowed!');

}

}

const maxSize=1024\*1024\*1024;

var upload = multer({

storage:store,

limits:

{

fileSize:maxSize

},

fileFilter: filter

})

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

const file = req.file

if (file) {

res.render(\_\_dirname+"/output",{file:file.originalname})

}

})

app.listen(6789);

**output.pug**

html

head

title FORM Data

body

h1 File #{file} have been uploaded

**frontend/index.html**

<html>

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

<input type="file" name="mypic" accept=".pdf"/>

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

</form>

</html>