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**207701**

**BSCS-7b**

**Lab 07**

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| Solution |
| Task 1 Code:  Html File:  <html>  <head>  <title>Post From</title>  </head>  <body>  <form action="/form\_process" method="POST">  First name:<br>  <input type="text" name="firstname"><br>  Last name:<br>  <input type="text" name="lastname"><br><br>  <input type="submit" value="submit">  </form>  </body>  </html>  Server File:  var express = require('express');  var bodyParser = require('body-parser');  var app = express();  app.use(bodyParser.json());  app.use(bodyParser.urlencoded({ extended: false }));  app.use(express.static('public'));  app.get('/index.html',function(req,res){  res.sendFile(\_\_dirname + '/index.html');  })  app.post('/form\_process',function(req,res){  var name={  firstName : req.body.firstname,  lastName : req.body.lastname  }  console.log(name);  });  app.listen(3000);  Task Output Screenshot:    After submitting :    Task 2 Code:  Html File:  <html>  <head>  <title>File Upload</title>  </head>  <body>  <form method="POST" action="/uploadf" enctype="multipart/form-data">  Upload File: <input type="file" name="file"><br><br>  <input type="submit" value="Submit">  </form>  </body>  </html>  Server file:  var express = require("express");  var multer = require('multer');  var app = express();  var storage = multer.diskStorage({  destination: function (req, file, callback) {  callback(null, './new');  },  filename: function (req, file, callback) {  callback(null, file.originalname);  }  });  var upload = multer({ storage : storage}).single('file');    app.get('/index.html',function(req,res){  res.sendFile(\_\_dirname + "/index.html");  });    app.post('/uploadf',function(req,res){  upload(req,res,function(err) {  if(err) {  return res.end("Error uploading file.");  }  res.end("File is uploaded successfully!");  });  });    app.listen(8080,function(){  console.log("Server is running on port 8080");  });  Output Screenshot:    After Submitting:      Task 3 code:  Pug file:  html  head  title Form Registration  body  form(action = "/", method = "POST")  div  label(for = "fname") First Name:  input(name = "fname" )  br  div  label(for = "lname") Last Name:  input(name = "lname" )  br    button(type = "submit") Submit  server 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.use(bodyParser.json());  app.use(bodyParser.urlencoded({ extended: true }));  app.use(express.static('public'));  app.use(upload.array());  app.get('/', function(req, res){  res.render('form');  });  app.post('/', function(req, res){  console.log(req.body);  });    app.listen(8080,function(){  console.log("Server is running on port 8080");  });  Output Screenshots:    After Submitting: |