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| **Lab No** | 07 | **Reg. No** | 224921 |
| **Student Name** | Muhammad Saad Tariq | **Section** | A |

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| Solution Task 1 |
| Code:  App.js  var express = require('express');  var path = require('path');  var bodyParser = require('body-parser');  var app = express();  var bodyParser = require("body-parser");  app.use(bodyParser.urlencoded({ extended: false }));  app.get('/', function (req, res) {  res.sendFile(path.join(\_\_dirname+'/index.html'));  });  app.post('/submit-name', function (req, res) {  var name = req.body.firstname+' '+req.body.lastname;  console.log(name + ' Submitted Successfully!');  });  var server = app.listen(3000, function () {  console.log('Node server is running!');  });  Index.html  <!DOCTYPE html>  <html>  <head>  <title>Form Index</title>  </head>  <body>  <form method="post" action="submit-name">  First name: <input type="text" name="firstname">  <br><br><br>  Last name: <input type="text" name="lastname">  <br><br><br>  <input type="submit">  </form>  </body>  </html>  Output: |

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| Solution Task 2 |
| Code:  App.js  var express = require("express");  var multer = require('multer');  var app = express();  var storage = multer.diskStorage({  destination: function (req, file, callback) {  callback(null, './uploads');  },  filename: function (req, file, callback) {  callback(null, file.originalname);  }  });  var upload = multer({ storage : storage}).single('file\_up');    app.get('/',function(req,res){  res.sendFile(\_\_dirname + "/index.html");  });    app.post('/submit-file',function(req,res){  upload(req,res,function(err) {  if(err) {  return res.end("Error uploading file.");  }  res.end("File is uploaded successfully!");  });  });    app.listen(3000,function(){  });  Index.html  <!DOCTYPE html>  <html>  <head>  <title>Form Index</title>  </head>  <body>  <form method="post" action="submit-file" enctype="multipart/form-data">  <input type="file" name="file\_up">  <br><br>  <input type="submit" value="Upload file">  </form>  </body>  </html>  Output: |

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| Solution Task 3 |
| Code:  html  head title Registration Form  body  form(method='POST' action='/register')  div  label(for='name') Name:  input(type='text', placeholder='first and last' name='name')  br  div  label(for='email') Email:  input(type='email', placeholder='name@email.com' name='email')  br  div  label(for='id') ID:  input(type='text', placeholder='ID' name='id')  br  div  label(for='pw') Password:  input(type='password' name='password')  br  div  label(for='pw2') Confirm Password:  input(type='password' name='confirmPassword')  button(type='submit') Sign up |