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| Solution |
| Task Code:  Task1  Index.html  <!DOCTYPE html>  <html>  <head>  <title>Form Task 1</title>  </head>  <body>  <form action="/" method="POST" enctype="multipart/form-data">  Name: <input type="text" name="name" value="name"></input><br>  Age: <input type="text" name="age" value="age"></input><br>  Department: <input type="text" name="dept" value="department"></input><br>  CMS ID: <input type="text" name="cms" value="cms"></input><br>  <input type="submit"></input>  </form>  </body>  </html>  Server.js  var express = require("express");  var path = require("path");  var bodyParser = require("body-parser");  var multer = require("multer");  var upload = multer();  var app = express();  app.get("/", function(req, res){  res.sendFile(path.join(\_\_dirname + '/index.html'));  });  app.use(bodyParser.json());  app.use(bodyParser.urlencoded({ extended: true }));  app.use(upload.array());  app.post('/', function(req, res)  {  console.log(req.body);    res.send("Name: " + req.body.name + " <br> Age: " + req.body.age + " <br> Department: " + req.body.dept + "<br> CMS ID: " + req.body.cms);  });  app.listen(3000);        Task2  <!DOCTYPE html>  <html>  <head>  <title>Form Task 1</title>  </head>  <body>  <form action="/" method="POST" enctype="multipart/form-data">  Name: <input type="text" name="name" value="name"></input><br>  Age: <input type="text" name="age" value="age"></input><br>  Department: <input type="text" name="dept" value="department"></input><br>  CMS ID: <input type="text" name="cms" value="cms"></input><br>  File Upload: <input type="file" name="file"></input><br>  <input type="submit"></input>  </form>  </body>  </html>  Server.js  var express = require("express");  var path = require("path");  var bodyParser = require("body-parser");  var multer = require("multer");  var upload = multer();  var app = express();  var upload = multer({ dest: 'Files/' });  app.get("/", function(req, res){  res.sendFile(path.join(\_\_dirname + '/index.html'));  })  app.post('/', upload.single('file'), function (req, res) {    console.log(req.file);  console.log(req.body);  res.send("Received file.");  })  app.listen(3000);        Task3  PUG FILE  html  head  title "Form"  body  form(action="/", method="POST", enctype="multipart/form-data")  div  label Name:  input(name="name", type="text", value="name")  br  div  label Age:  input(name="age", type="text", value="age")  br  div  label Department:  input(name="dept", type="text", value="dept")  br  div  label CMS ID:  input(name="cms", type="text", value="cms")  br  input(type="submit")  Server  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("pugform")  })  app.use(bodyParser.json());  app.use(bodyParser.urlencoded({ extended: true }));  app.use(upload.array());  app.set("view engine", "pug");  app.set("views", "./views");  app.post('/', function(req, res)  {  console.log(req.body);    res.send("Name: " + req.body.name + " <br> Age: " + req.body.age + " <br> Department: " + req.body.dept + "<br> CMS ID: " + req.body.cms);  });  app.listen(3000); |
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### Deliverables

Compile a single word document by filling in the solution part and submit this Word file on LMS. This lab grading policy is as follows: The lab is graded between 0 to 10 marks. The submitted solution can get a maximum of 5 marks. At the end of each lab or in the next lab, there will be a viva/quiz related to the tasks. You must show the implementation of the tasks in the designing tool, along with your complete Word document to get your work graded. You must also submit this Word document on the LMS. In case of any problems with submissions on LMS, submit your Lab assignments by emailing it to Ms. Ayesha Asif: [ayesha.asif@seecs.edu.pk](mailto:ayesha.asif@seecs.edu.pk).