# Department of Computing

**CS-441: Web Technologies II**

**Class: BSCS 9AB**

# Lab 08: Express JS for handling Forms.

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# Lab 07: Express JS

**Lab Tasks**

**Task 1:** By using the Pug templating engine create an HTML registration form.

**Task 2:** Form has method attribute set to POST and action set to destination page. The Form should give the users option to enter two texts first input is name and second input is gender.

**Task 3:** Modify server.js to handle home page requests as well as display the Name and Gender on the landing page

**Task 4:** Upon receiving the page request, using the gender variable display the name variable in either of the colors Blue or Black

Pls note: I’ve used Pink color for gender Female, and Blue for gender Male :D

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| Solution |
| Task Code:  INDEX.JS  var express = require('express');  var app = express();  var path = require('path');  var bodyParser = require('body-parser');  app.use(bodyParser.json());  app.use(bodyParser.urlencoded({ extended: true }));  app.set('view engine', 'pug');  app.set('views','./views');  //Form  app.get('/form', function(req, res){      res.render('form.pug');   });  //Landing Page  app.post('/form\_submitted', function(req, res){      res.render('form\_submitted.pug',          {name: req.body.name,          gender: req.body.gender});  });  app.listen(8080, ()=>console.log('Server started on port 8080 :D'));  FORM.PUG  html     head        title Form     body           form(action = "/form\_submitted" method = "POST")              p Enter your name:              input(name = "name" type = "text" required placeholder = "e.g. John Doe")              p Select your gender:              input#male(type="radio" required name="gender" value="male")              label(for="male") Male              br              input#female(type="radio" required name="gender" value="female")              label(for="female") Female                br              br              input(type="submit")  FORM\_SUBMITTED.PUG  Landing Page  html     head        title Form Submitted     body          if(gender=='female')              h2(style="color:pink;") Hey #{name}, your form has been submitted!              p Name: #{name}              p Gender: #{gender}          else              h2(style="color:blue;") Hey #{name}, your form has been submitted!              p Name: #{name}              p Gender: #{gender}    Task Output Screenshot: |