

# Students Information

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## Introduction

Lab Exercise-10 required our team to create an account in Heroku and use our lab exercise-9 to be deployed to it. Because this lab is about deploying, each one of us did it separately. then we compared our steps and discuss the issues we faced.

## Objectives

- 1- Create a Heroku account.
- 2- Deploy our lab exercise-9 to Heroku.
- 3- Corey and Khalid deployed the lab together to two separate accounts.

## Design/Implementation

```
$ *** Created a new directory and copy lab exercise-9 to it
t***

$ *** Created a package.json file, and add the node and npm versions to it****
```

```
$ npm init
```

## Package.json file

```
{
  "name": "lab10",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "dependencies": {
    "cookie-parser": "^1.4.4",
    "express": "^4.16.4",
    "nodemon": "^1.18.11",
    "pug": "^2.0.3",
    "bootstrap": "^4.3.1"
  },
  "devDependencies": {},
  "engines": {
    "node": "10.15.0",
    "npm": "6.9.0"
  },
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "author": "",
  "license": "ISC"
}
```

Then to avoid not having the page displayed while there are no errors, we changed the port number in the index.js file

## Index.js file

```
var express = require('express');
var app = express();

//Setting View Engine
app.set('view engine', 'pug');

//Setting public folder
app.use(express.static('public'));

//Default Route
app.get('/', function(req, res){
  res.render('index')
});
//Login Route
app.get('/index', function(req, res){
  res.render('index')
});
//Signup Route
app.get('/signup', function(req, res){
  res.render('signup')
});

//Listening to nodeJS Application
var port = process.env.PORT || 8080;
app.listen(port, function() {
  console.log("Listening to port 8080")
});
```

```
$ *** In order to log in to Heroku through command line***
```

```
*
```

```
$ npm i -g heroku
```

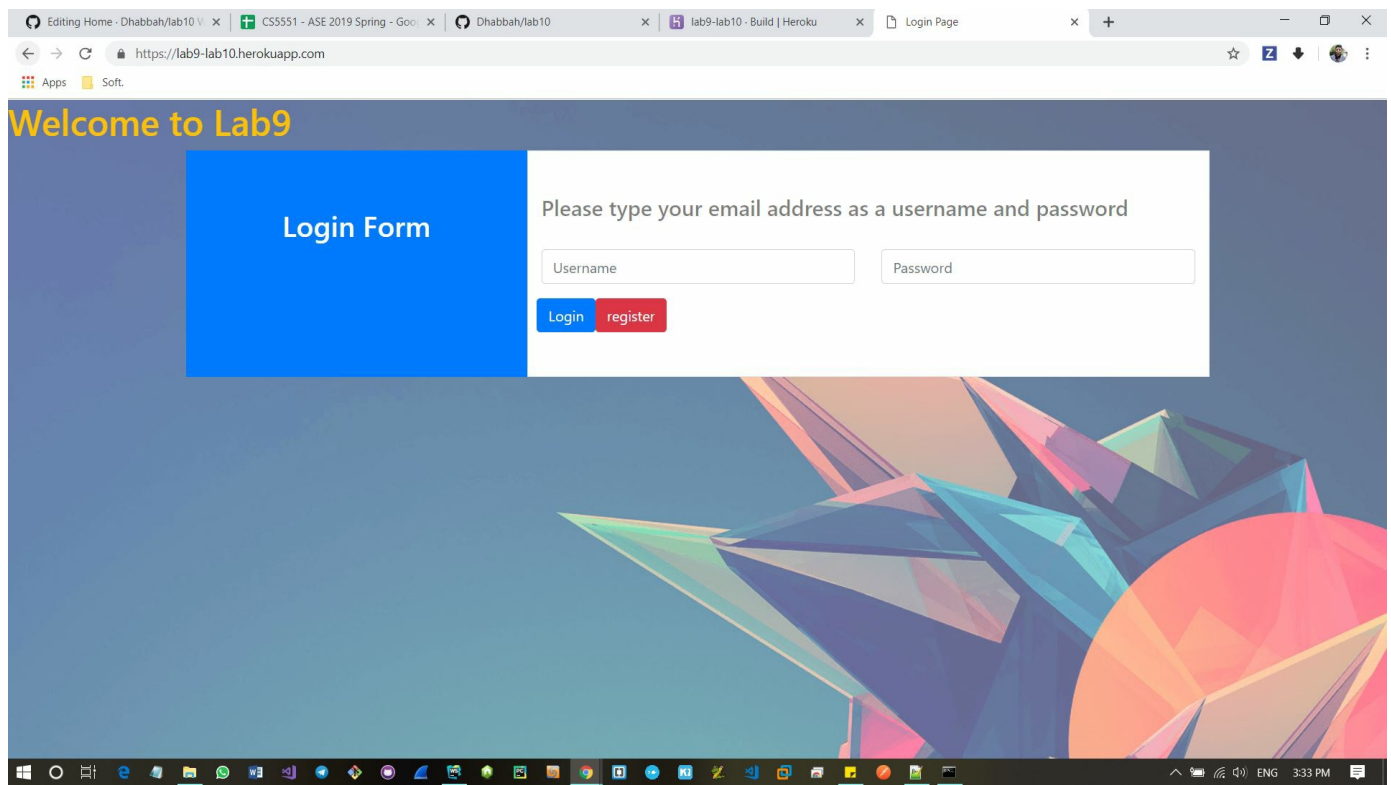
```
$ *** login to Heroku****
```

```
$ heroku login
```

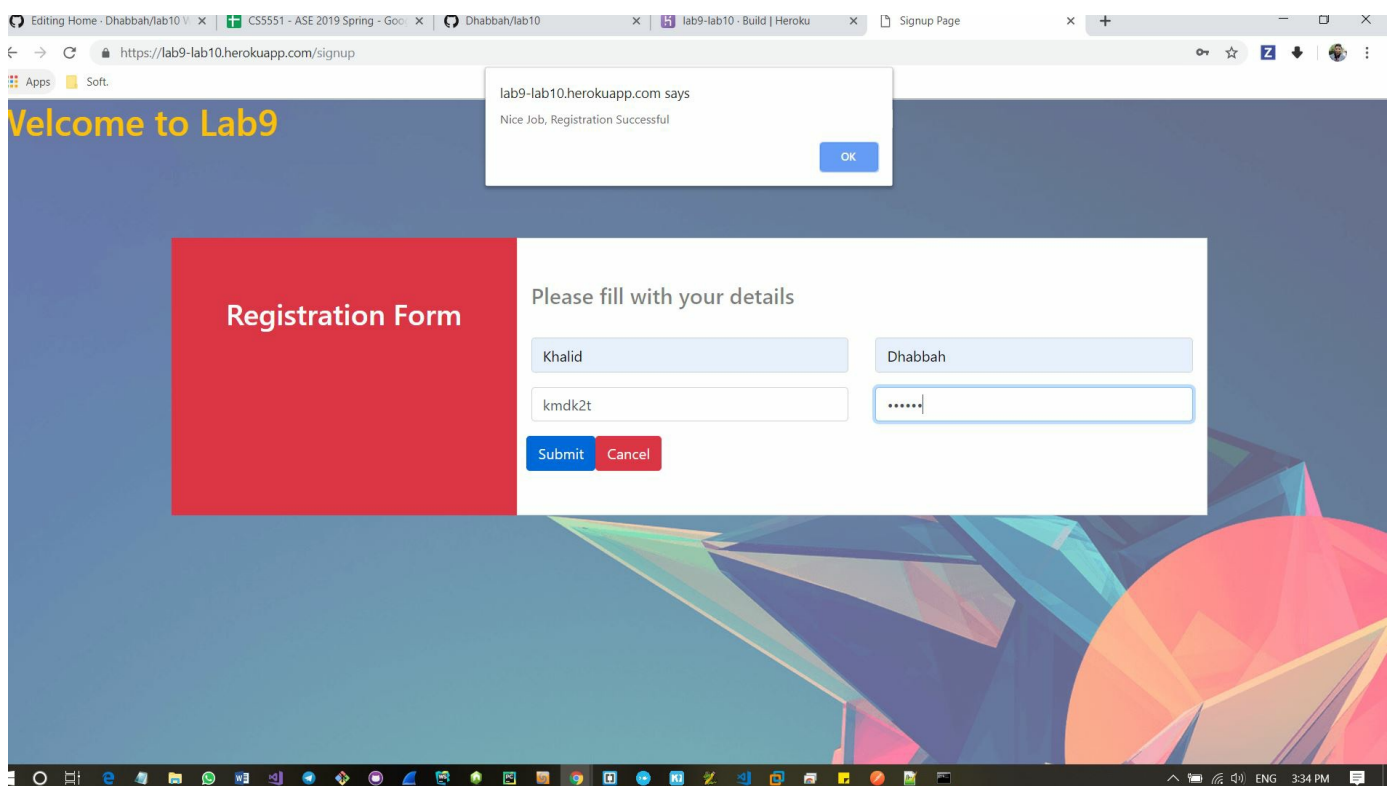
After Creating an account and a new project in Heroku, we deployed the lab9 using the command line.

```
$ *** Initialize a git repository in our project directory
***
$ git init
$ heroku git:remote -a lab9-lab10
$ *** [where lab9-lab10 is the name of the app in Heroku]
****
$ *** commit and push the project ****
$ git add .
$ git commit -am "Deploy Lab9"
$ git push heroku master
```

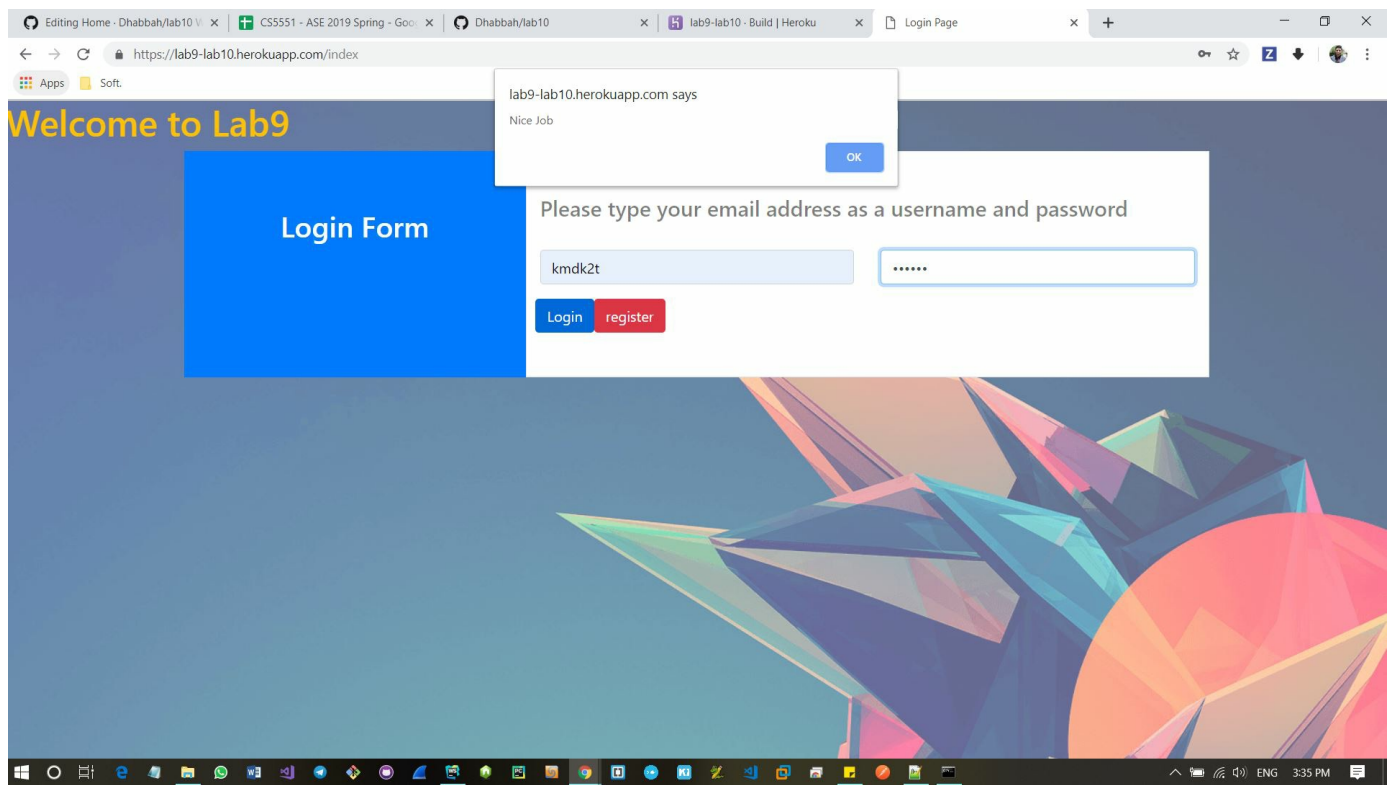
## Home/Dashboard Page



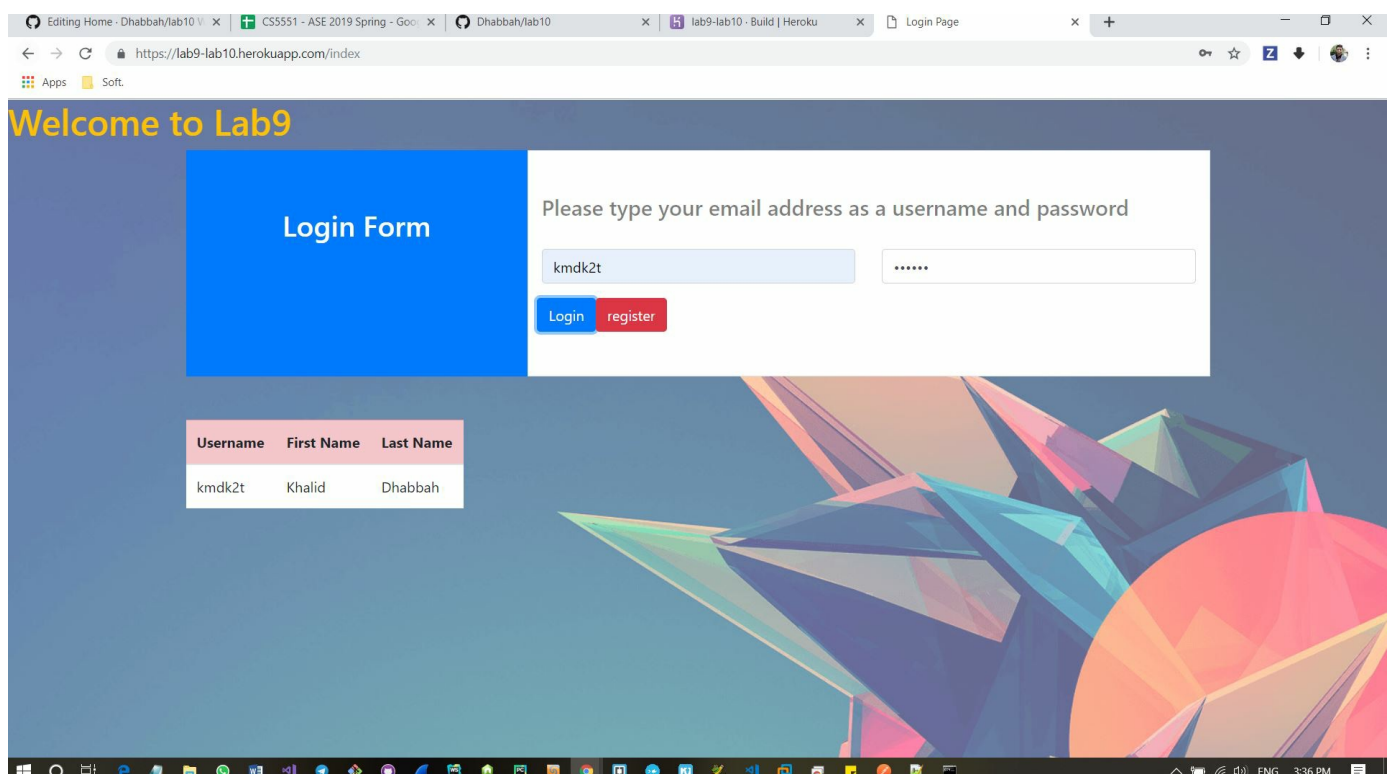
## Registration Page



## Logging In



# Login Page Displaying Stored/Cookie Info After Successful Authentication





Deployed application links:

- 1- Khalid Dhabbah(<https://lab9-lab10.herokuapp.com/>)
- 2- Corey Doss(<https://cjdtutorial10.herokuapp.com/>)

## Conclusion

That concludes our implementation for Lab 10. We were successfully able to deploy the lab exercise-9 to Heroku - we will continue to work on understanding and learning Heroku for future projects.