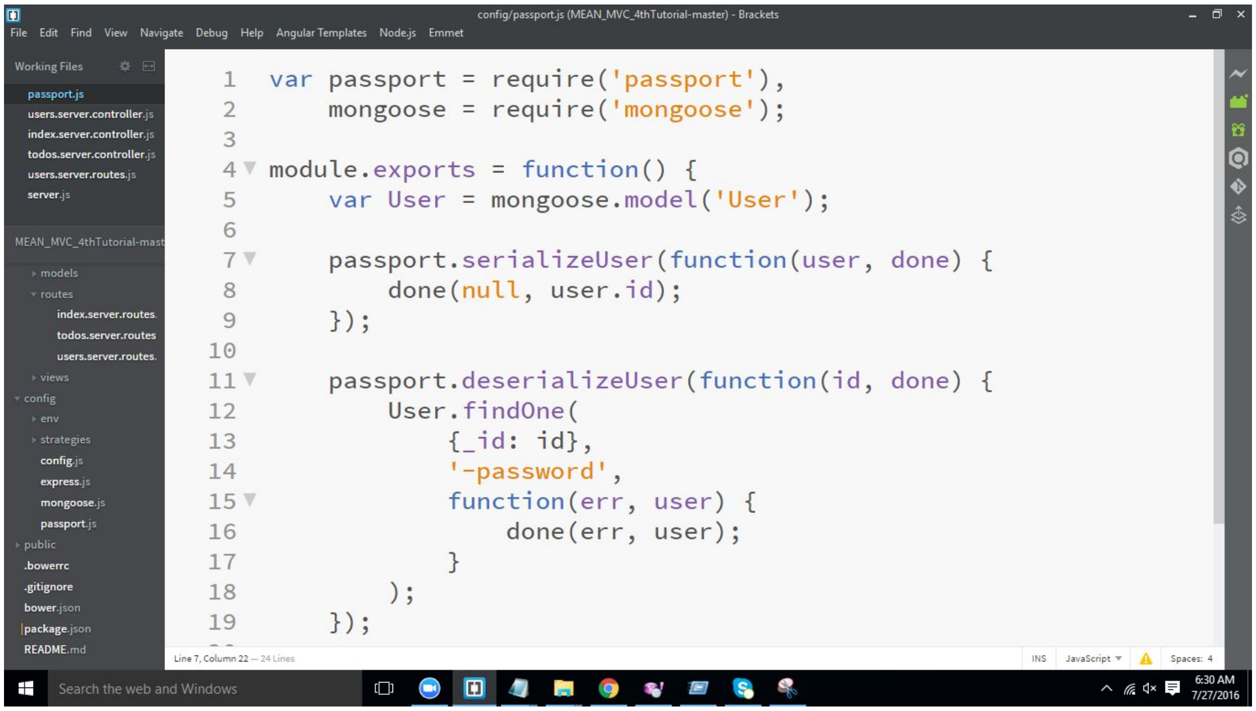
Step 1.

npm install --save-dev passport passport-local express-session connect-flash

Step2. Create a file in the config folder with the name as passport.js with the following code



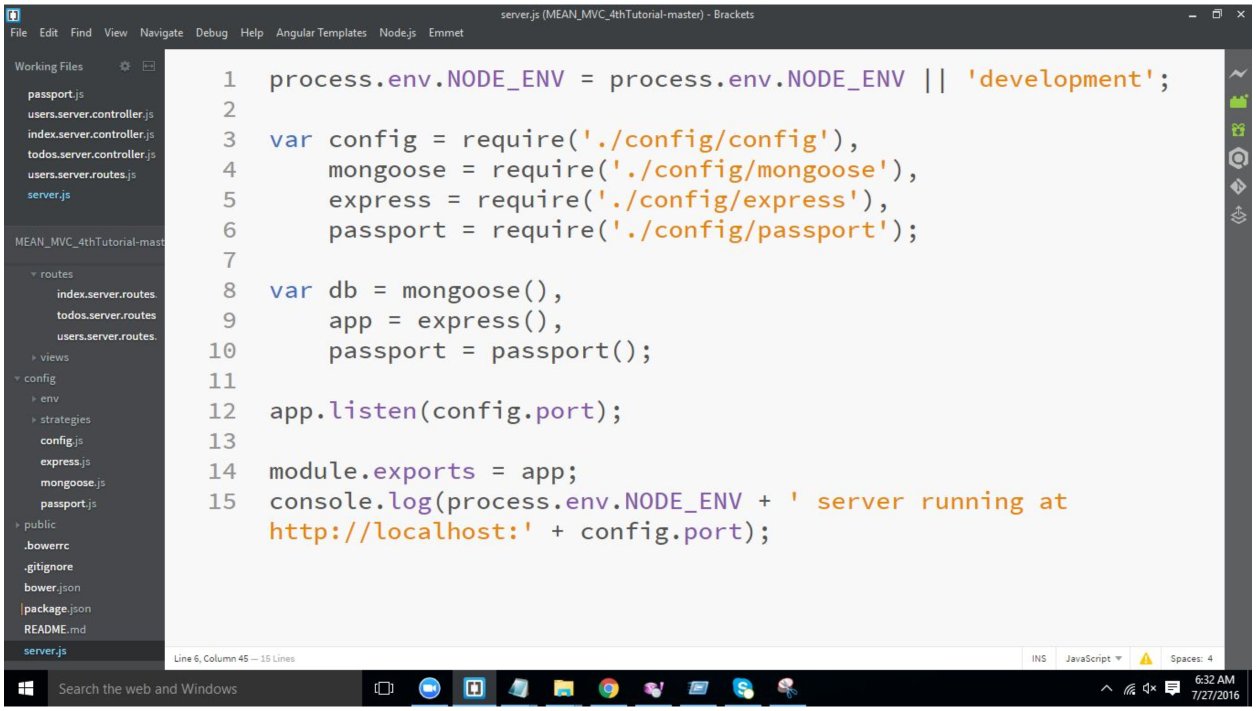
```
var passport = require('passport'),
    mongoose = require('mongoose');

module.exports = function() {
    var User = mongoose.model('User');

    passport.serializeUser(function(user, done) {
        done(null, user.id);
    });

    passport.deserializeUser(function(id, done) {
        User.findOne(
            {_id: id},
            '-password',
            function(err, user) {
                done(err, user);
            }
        );
    });
```

Step3: refer the above file in the server.js



```
process.env.NODE_ENV = process.env.NODE_ENV || 'development';

var config = require('./config/config'),
    mongoose = require('./config/mongoose'),
    express = require('./config/express'),
    passport = require('./config/passport');

var db = mongoose(),
    app = express(),
    passport = passport();

app.listen(config.port);

module.exports = app;
console.log(process.env.NODE_ENV + ' server running at
http://localhost:' + config.port);
```

Step 4. Make the passport available to the express.js

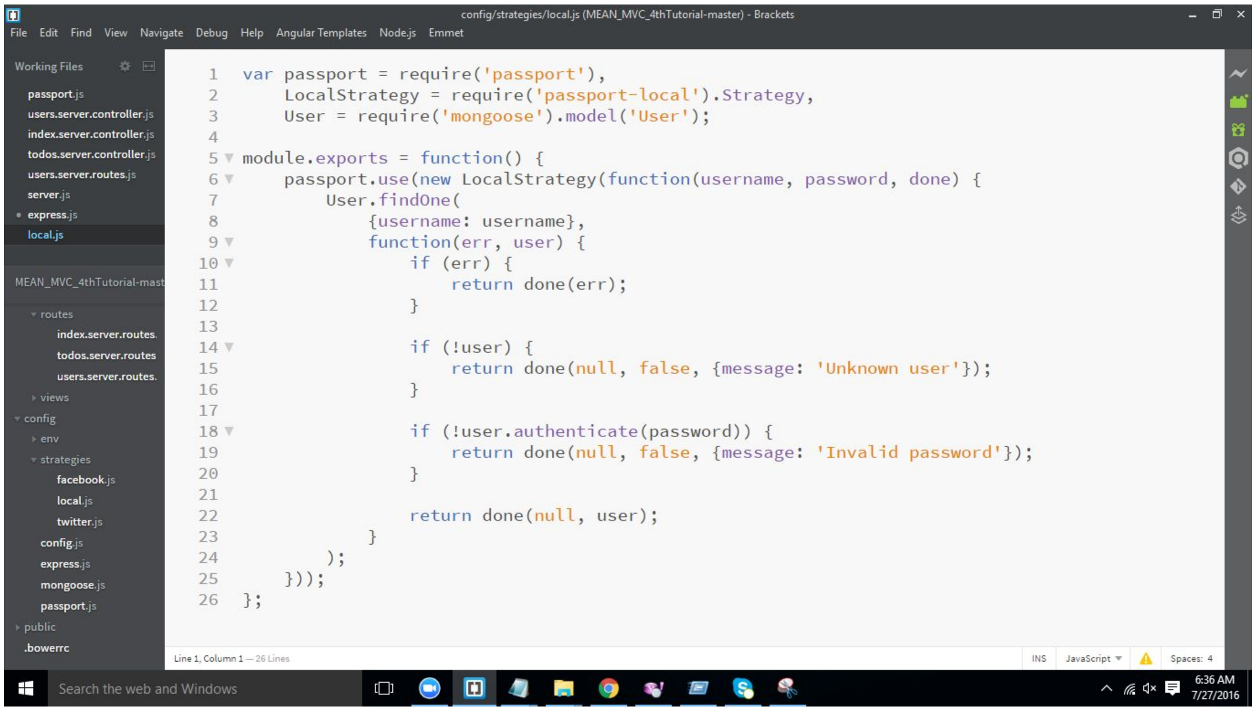
```
passport = require('passport'),
session = require('express-session');



app.use(session({
        saveUninitialized: true,
        resave: true,
        secret: 'OurSuperSecretCookieSecret'
}));

app.use(passport.initialize());
app.use(passport.session());
```

Step 5 make the local stratagey config/stratagies/local.js


config/strategies/local.js (MEAN_MVC_4thTutorial-master) - Brackets
File Edit Find View Navigate Debug Help Angular Templates Node.js Emmet
Working Files
passport.js
users.server.controller.js
index.server.controller.js
todos.server.controller.js
users.server.routes.js
server.js
express.js
local.js
MEAN_MVC_4thTutorial-mast
routes
index.server.routes.
todos.server.routes
users.server.routes.
views
config
env
strategies
facebook.js
local.js
twitter.js
config.js
express.js
mongoose.js
passport.js
public
.bowerrc
Line 1, Column 1 — 26 Lines
INS
JavaScript
Spaces: 4
Search the web and Windows
6:36 AM
7/27/2016

```
var passport = require('passport'),
    LocalStrategy = require('passport-local').Strategy,
    User = require('mongoose').model('User');

module.exports = function() {
    passport.use(new LocalStrategy(function(username, password, done) {
        User.findOne(
            {username: username},
            function(err, user) {
                if (err) {
                    return done(err);
                }

                if (!user) {
                    return done(null, false, {message: 'Unknown user'});
                }

                if (!user.authenticate(password)) {
                    return done(null, false, {message: 'Invalid password'});
                }

                return done(null, user);
            }
        );
    }));
};
```

Step6 : Add a method to the authenticate.

```
UserSchema.methods.authenticate = function(password) {
        var md5 = crypto.createHash('md5');
        md5 = md5.update(password).digest('hex');

        return this.password === md5;
};
```

Step 7. Modify the routes with the following code

```
app.route('/login')
      .get(users.renderLogin)
      .post(passport.authenticate('local', {
         successRedirect: '/',
         failureRedirect: '/login',
         failureFlash: true
      }));
```