dmarionnamingcomplete

Initialize an empty git repository: ***git init***

Create package.json: ***npm init***

Commit package.json to repository/push to github:

***git add .  
 git commit –am “add package.json”  
 git push***

Create a .gitignore file in the root folder:   
   
 ***/dmarionnamingcomplete/.gitignore  
 node\_modules/***

Commit .gitignore to repository/push to github

***git add .  
 git commit –am “add .gitignore file”  
 git push***

Create beginning server.js file  
  
 initialize PORT variable—heroku will set this environment variable to PORT;   
 otherwise, the server should listen locally to port 3000

***var PORT = process.env.PORT || 3000;***

require the express.js module  
  
 ***var express = require(‘express’);*** initialize the app variable with ‘express’—this is how the express methods  
 are accessed—takes no arg

***var app = express();*** there is a server module built into node.js called ‘http’—we will use this to   
 create our server—but, we will pass the express server into its  
 Server () method—this is because this is what socket.io requires  
  
 ***var http = require(‘http’).Server(app);***

we want the server to serve static files—that is, our application—so we use   
 the built-in express middleware module (currently the only built-in   
 middleware module), express.static. We use the app.use method to   
 call this middleware. The first arg is the path to the folder containing  
 the middleware. There is also an options arg which is an object containing key-value pairs.  
  
 ***app.use(express.static(\_\_dirname + ‘/public’));***  
  
 finally, instruct the server to listen for requests on PORT—if on heroku, it  
 will be process.env.PORT; if not on heroku, it will be local port 3000;  
 also instruct the a message to the console to be sent (“Server started”).  
 (Note—if we were not using socket.io this would be app.listen)

***http.listen(PORT, function() {  
 console.log(“Server started!”);  
 });***

add/commit/push to github  
  
 ***git add .  
 git commit –am “added basic server”  
 git push***