**Day 2 Lab Assignments**

1. Create a text json file containing an array of products as the following (or use the given json file):

[{ "name": "p1", "color": "red", "price": 100 },

    { "name": "p2", "color": "blue", "price": 200 },

    { "name": "p3", "color": "black", "price": 300 }

]

* 1. Use file system module to read the given products file into variable: productsDB.
  2. Use JSON.parse(), to convert the data to JSON.

1. Create a http server (on port 4000) using Nodejs as a simple restfull API:
   1. Handle the following endpoints:
      * + “/home” prints “welcome to our APIs” in bold text.
        + “/products” returns the array of products that you read from the file (use JSON.strigify() to send the data).
        + “/products/1” that returns specific product with the given id (for id=1, return product in index 0 of the array products, and so on). Use req.url.split() to get index and show proeduct
        + For any other route, return 404;
2. Run npm init command to initialize you (package.json) file for your app.
   1. What’s npm? And how to use it to install packages locally or globally?