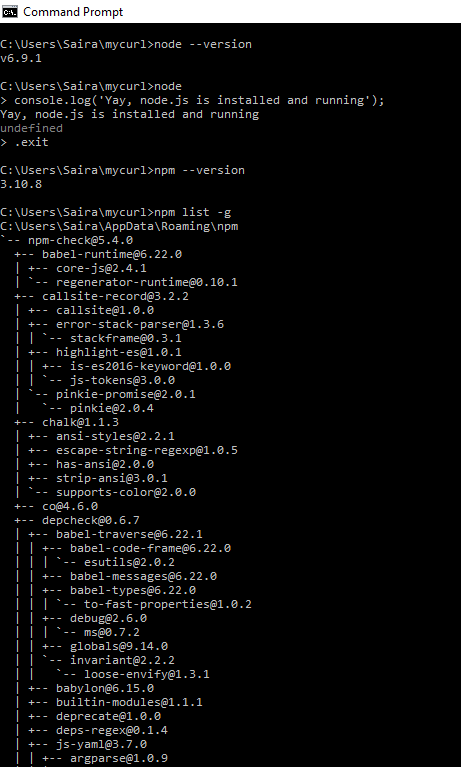
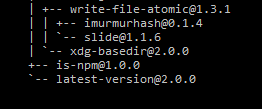
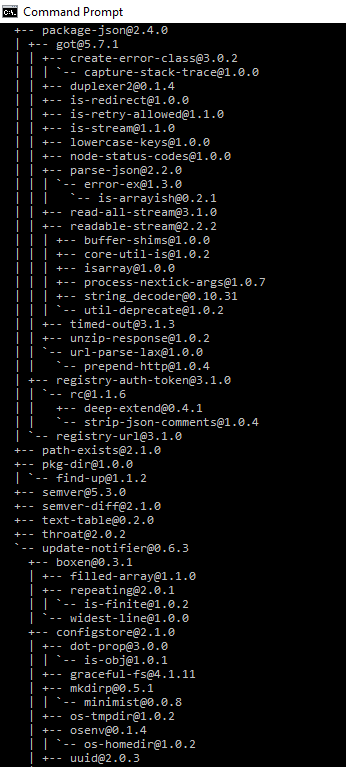
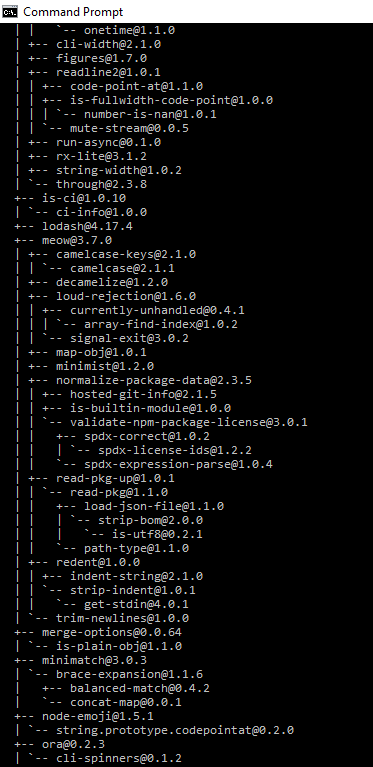
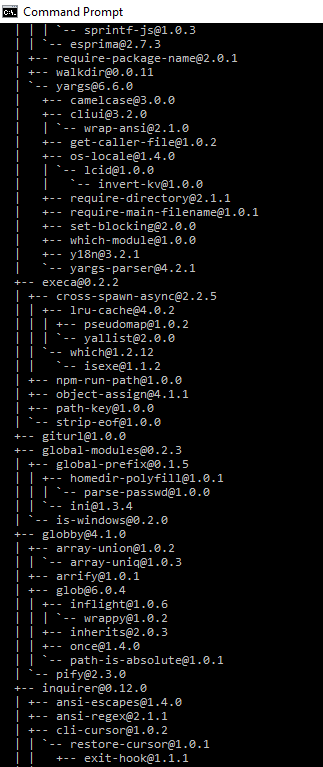
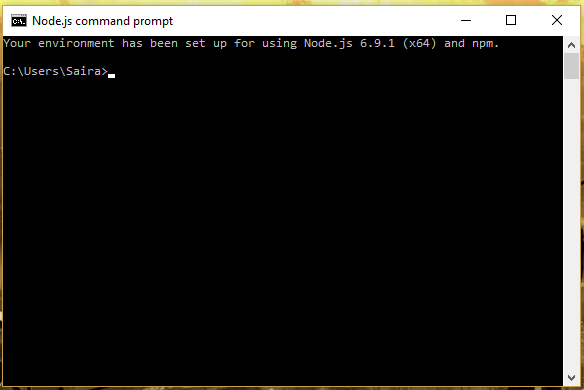
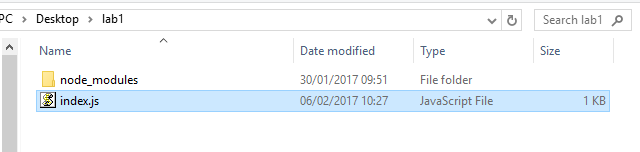
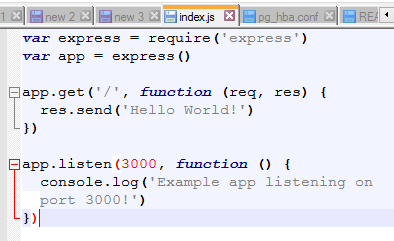
**Part 1 – Node and npm are installed and running correctly.**

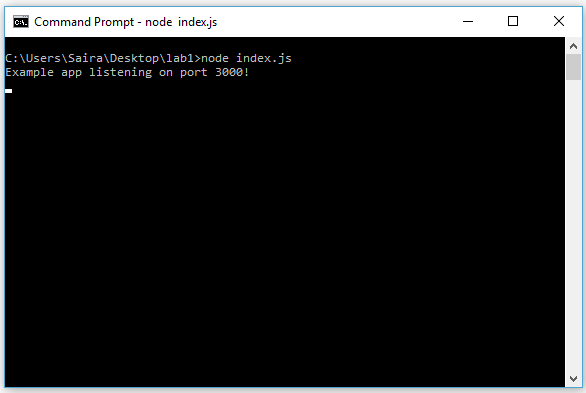


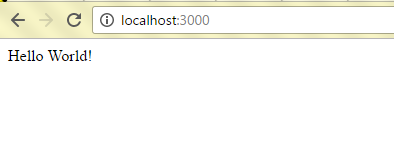


**Part 2 – Express is installed and ‘index.js’ is created in ‘lab1’ folder. Endpoint responds to the port 3000.**

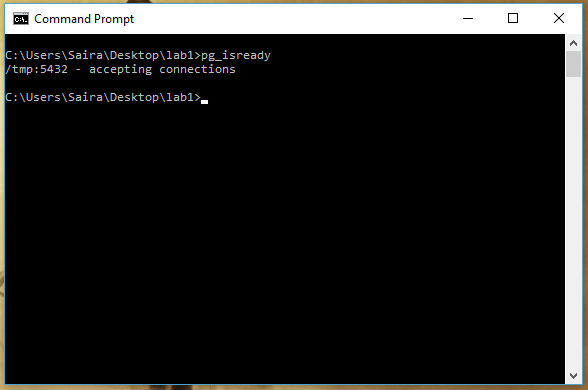




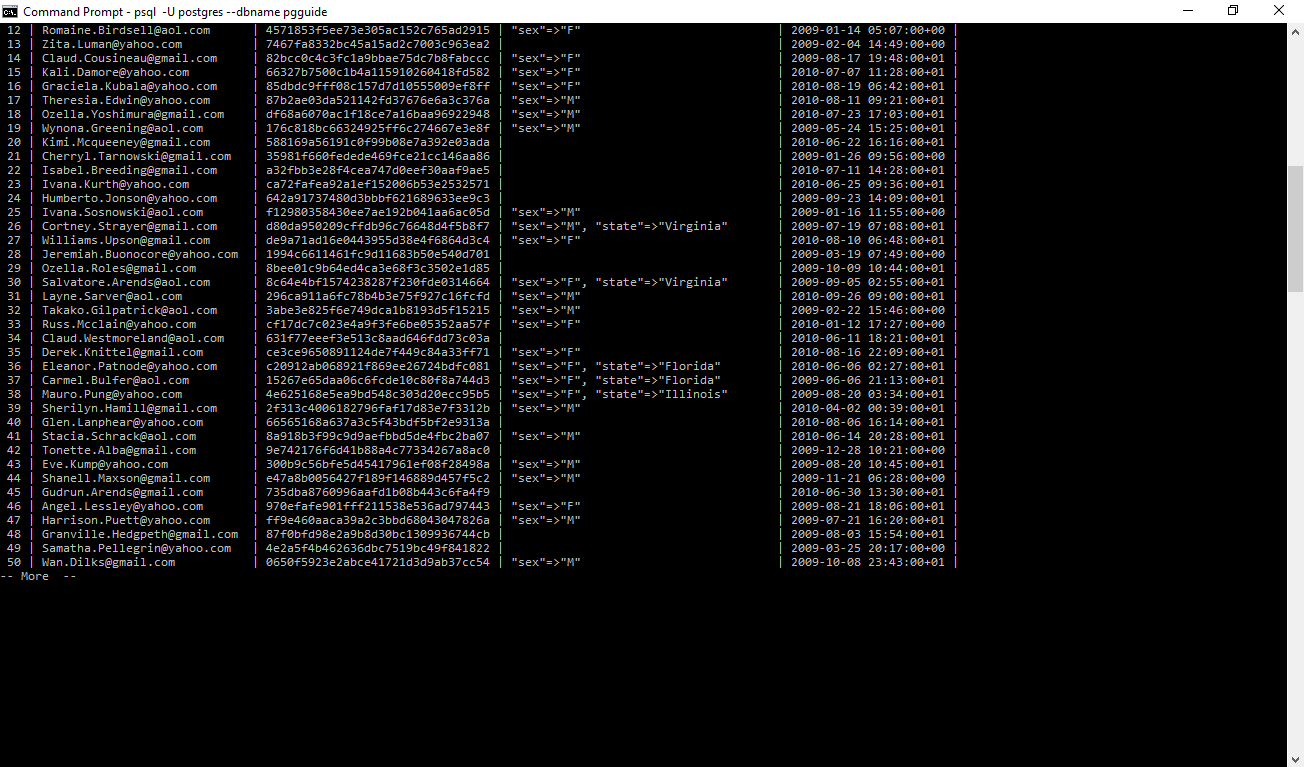
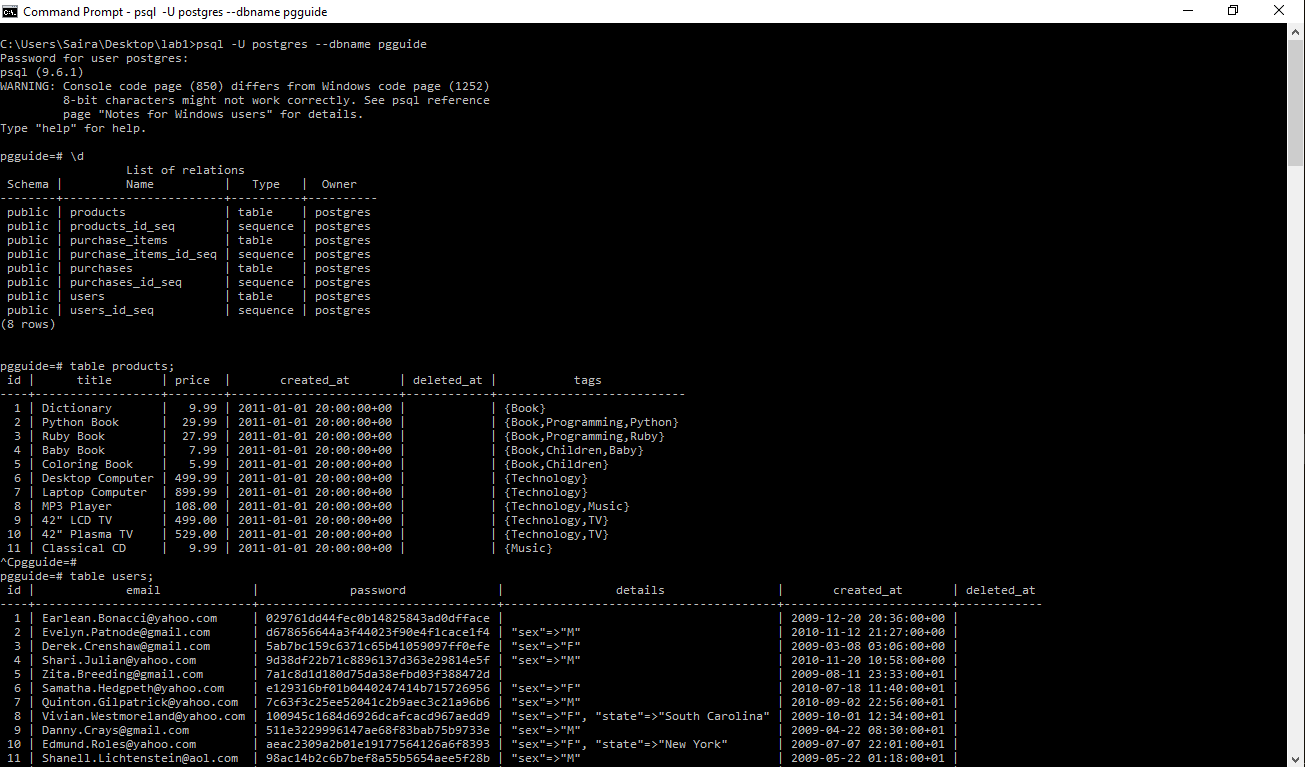




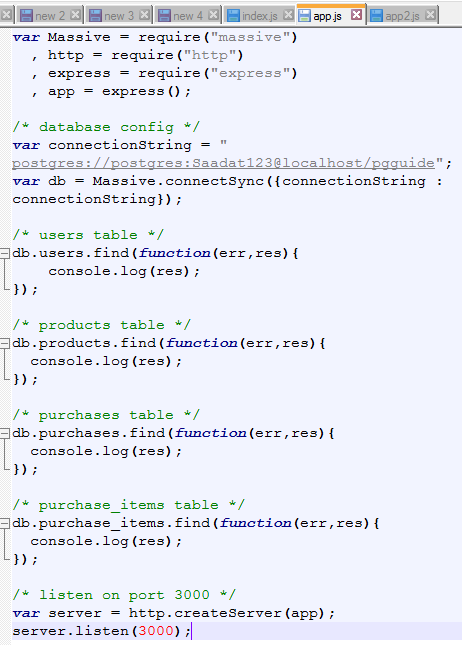
**Part 3 – Installed Postgres. Postgres server instance is working properly.**

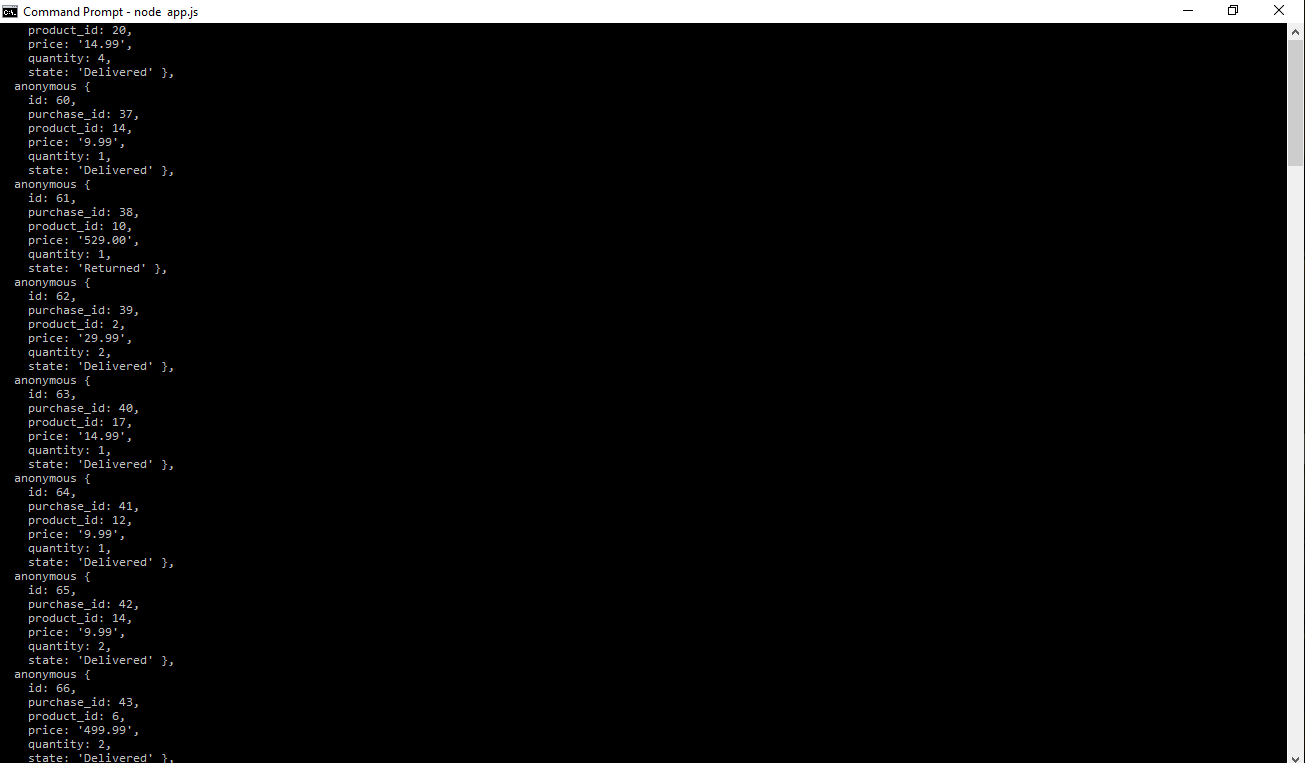


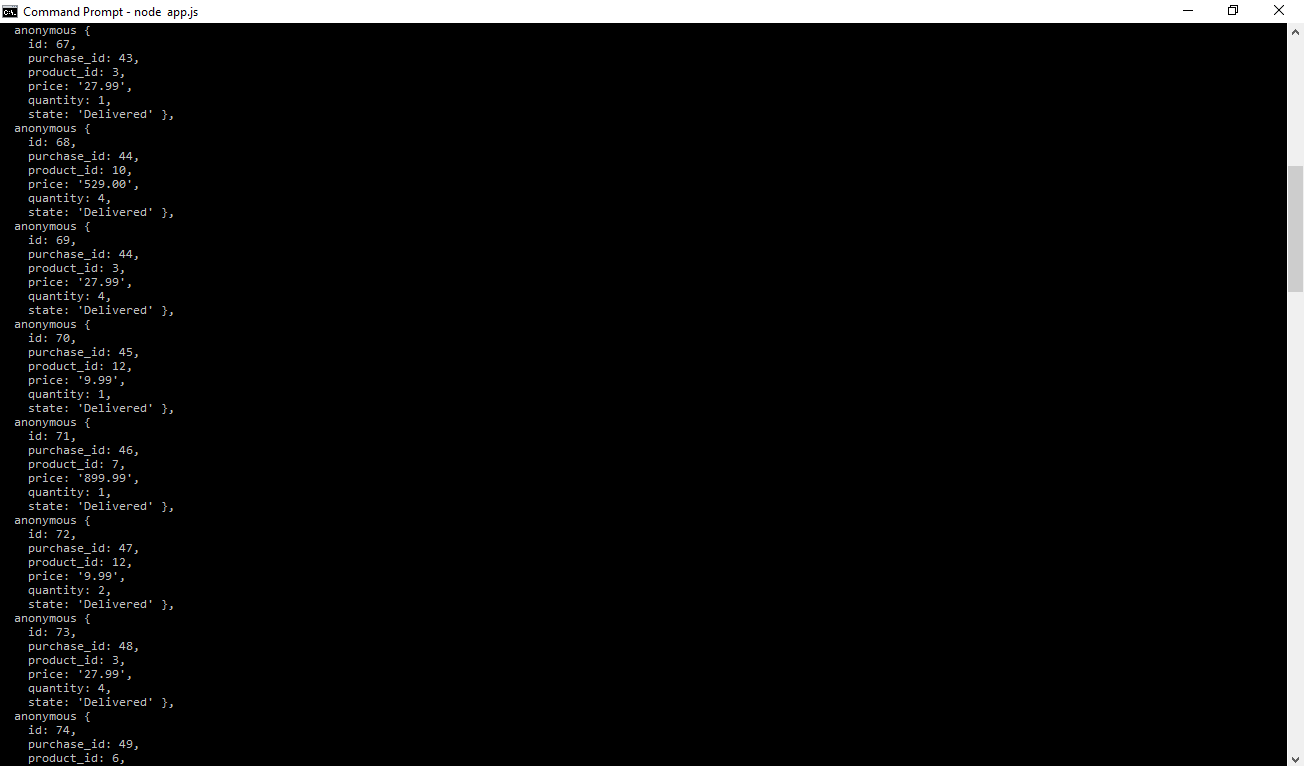
**Part 4 –Pgguide database loaded. The database is inspected using the psql client as shown.**

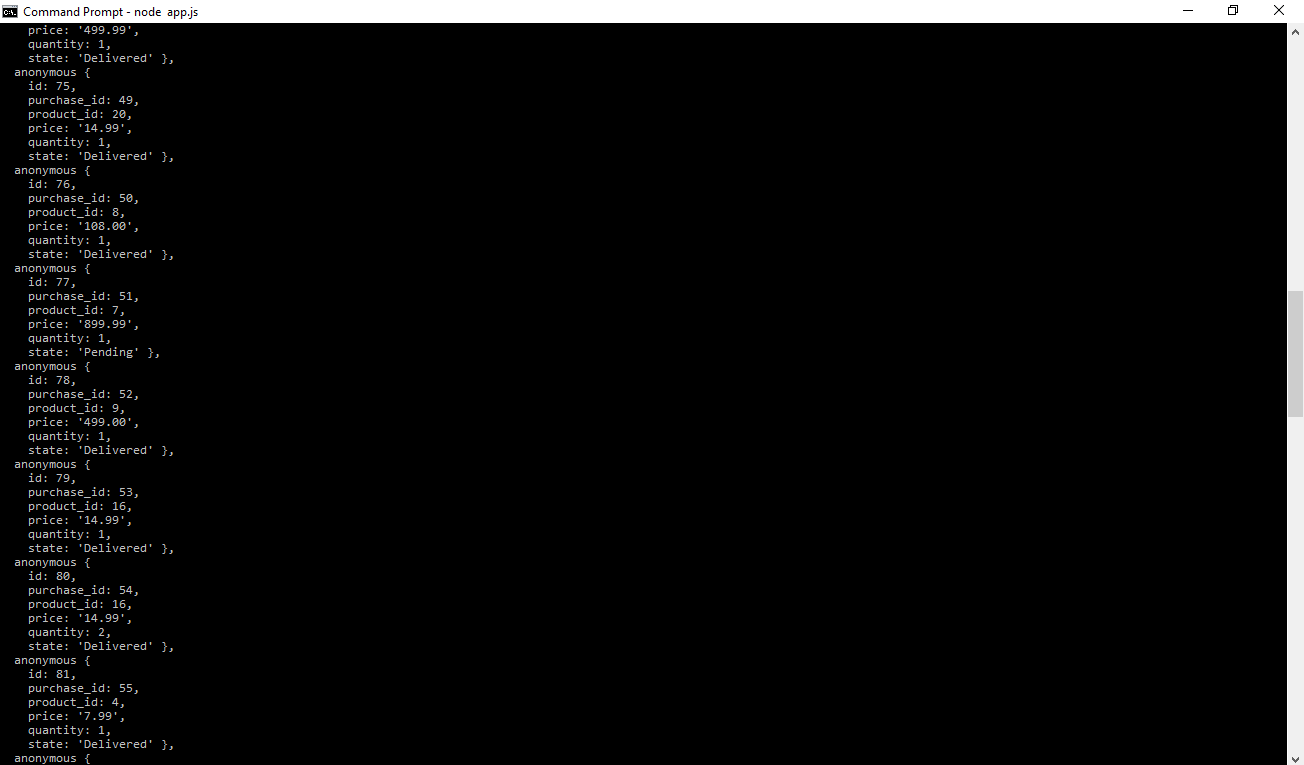


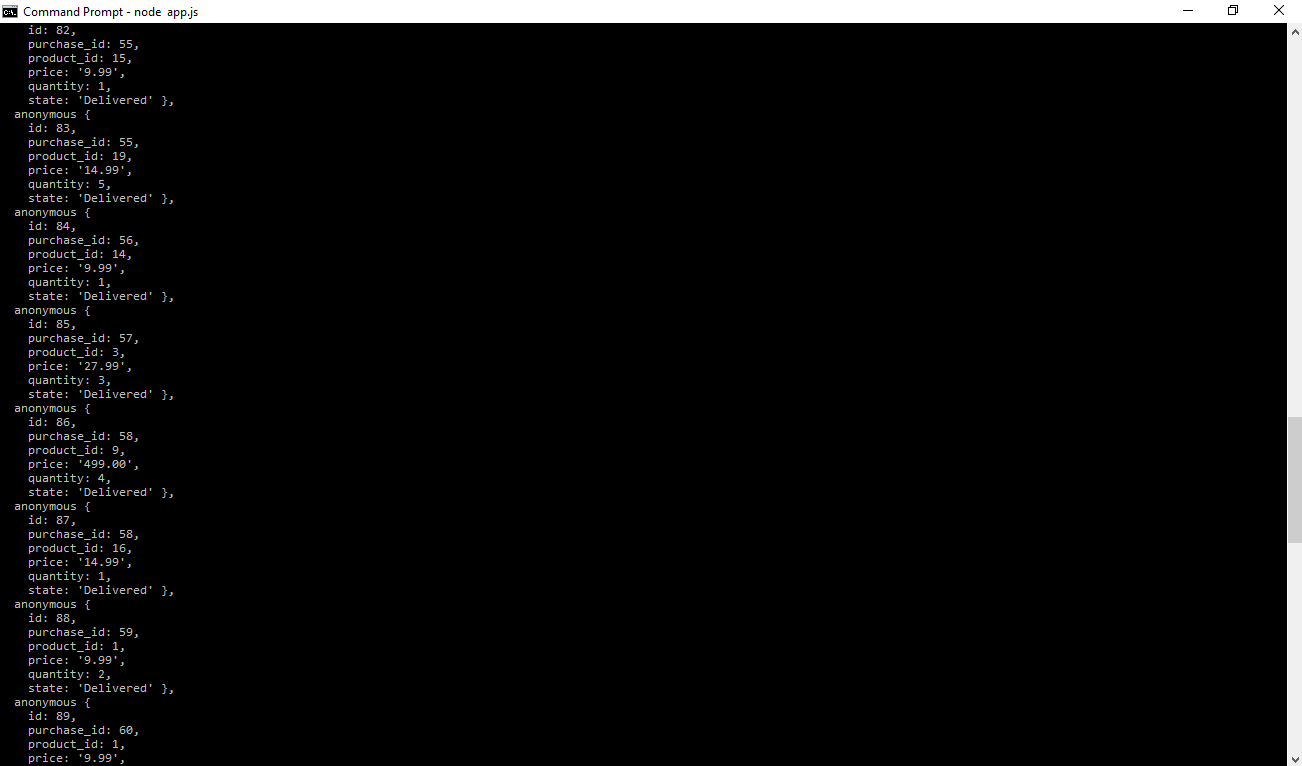
**Part 5 – Massive JS is installed. Pgguide is accessed using Massive; the tables ‘users’, ‘products’, ‘purchases’ and ‘purchase\_items’ can be viewed using the following ‘app.js’ code as shown.**

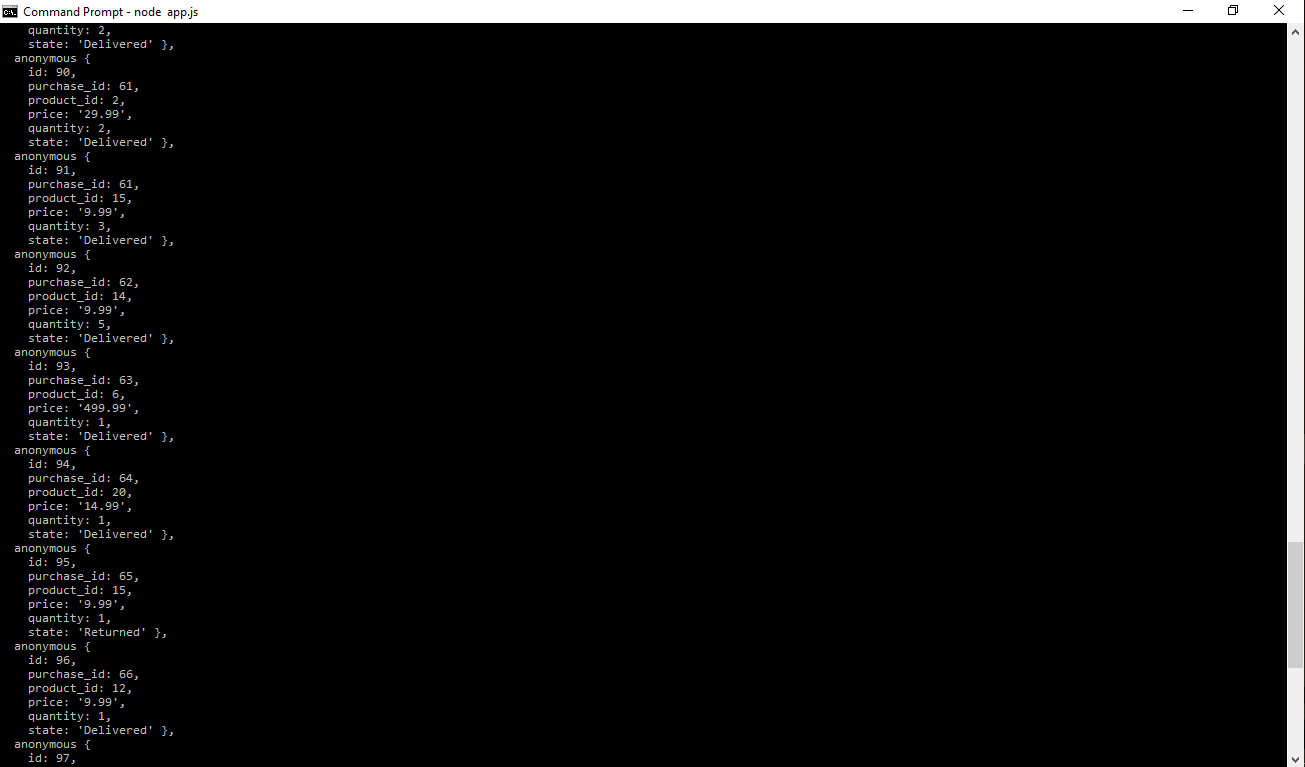


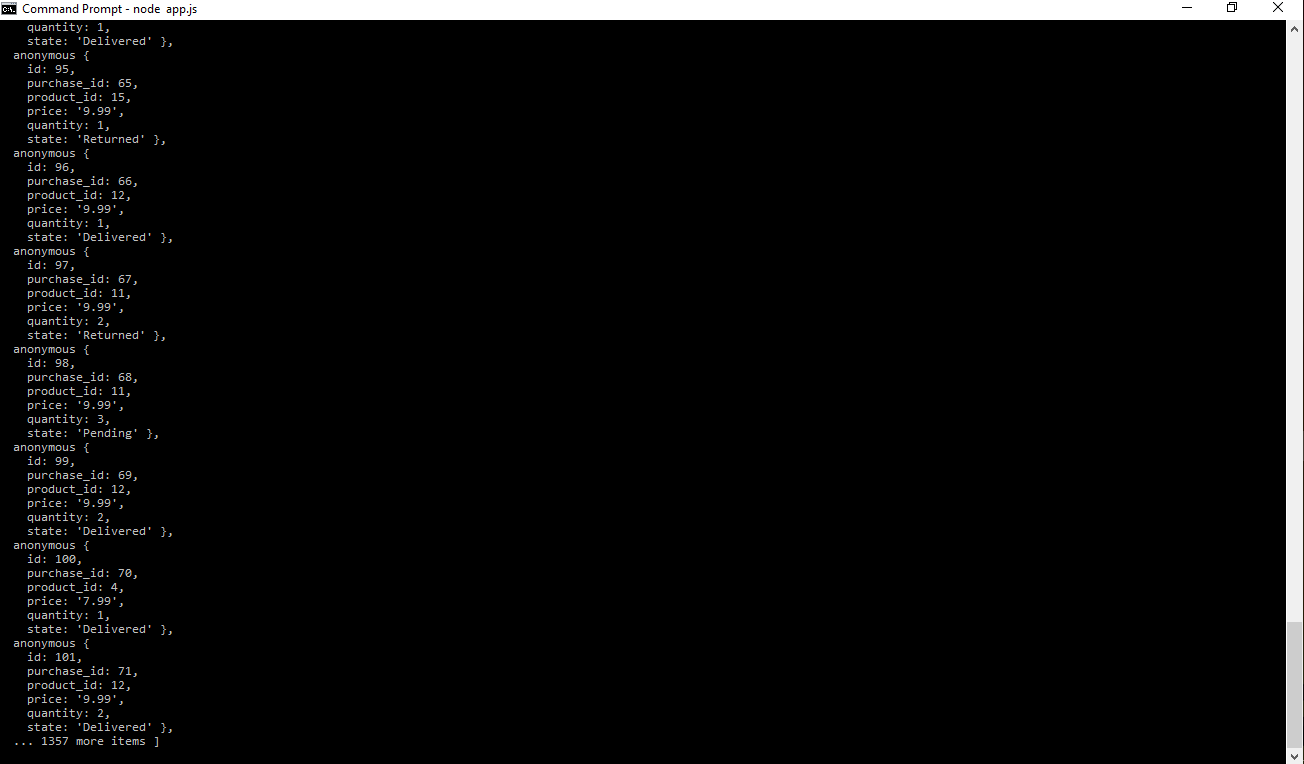
**The following is what is shown when the app.js code is run to view all the tables at once. *As the command prompt doesn’t allow full scrolling, this is what is shown for all the tables.***





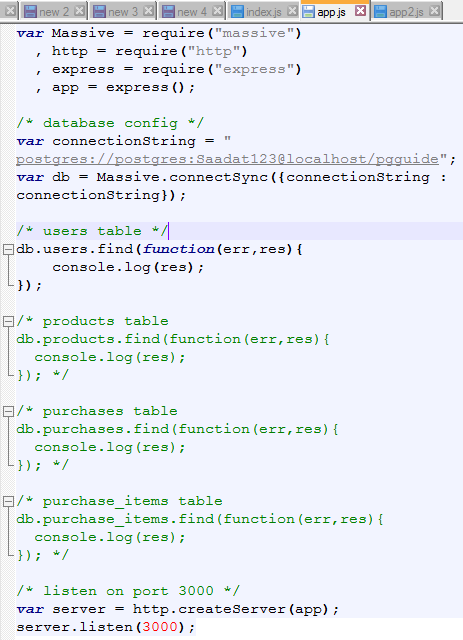




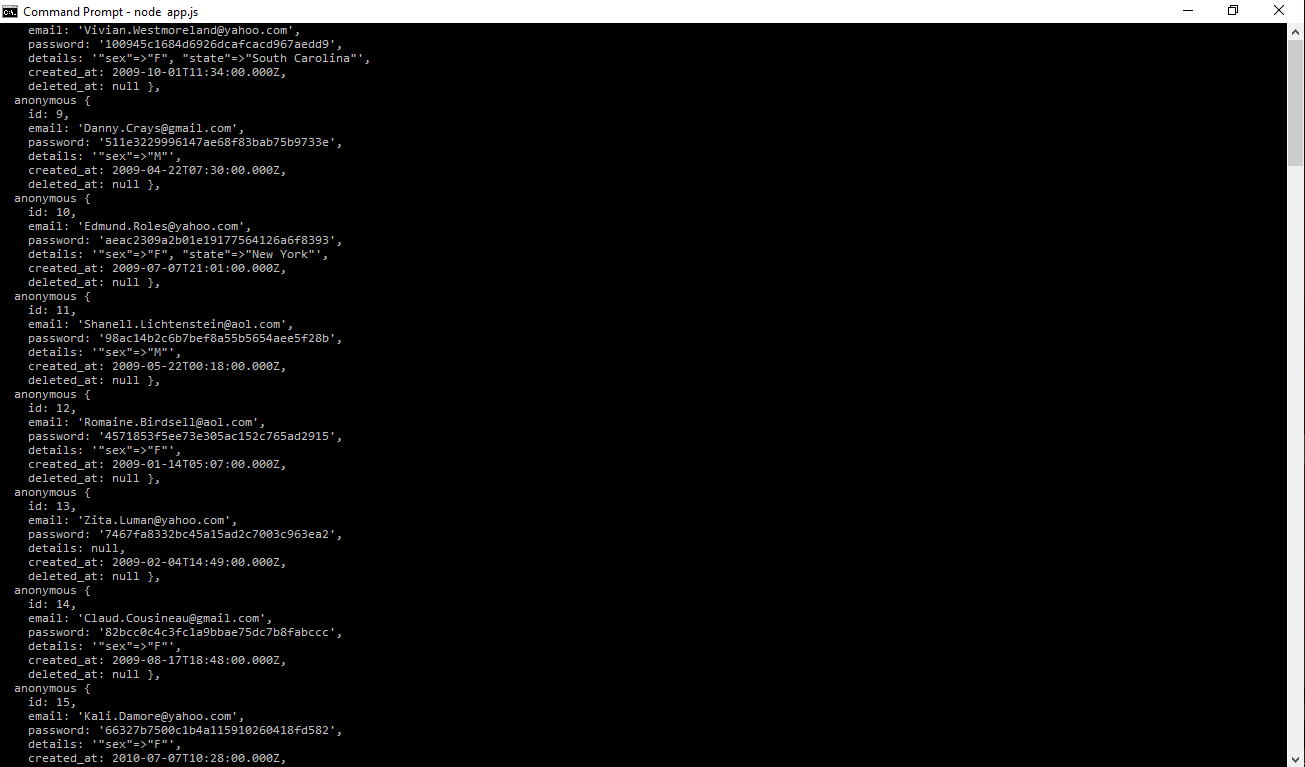


**The following is shown when the table code is run separately for each table.**

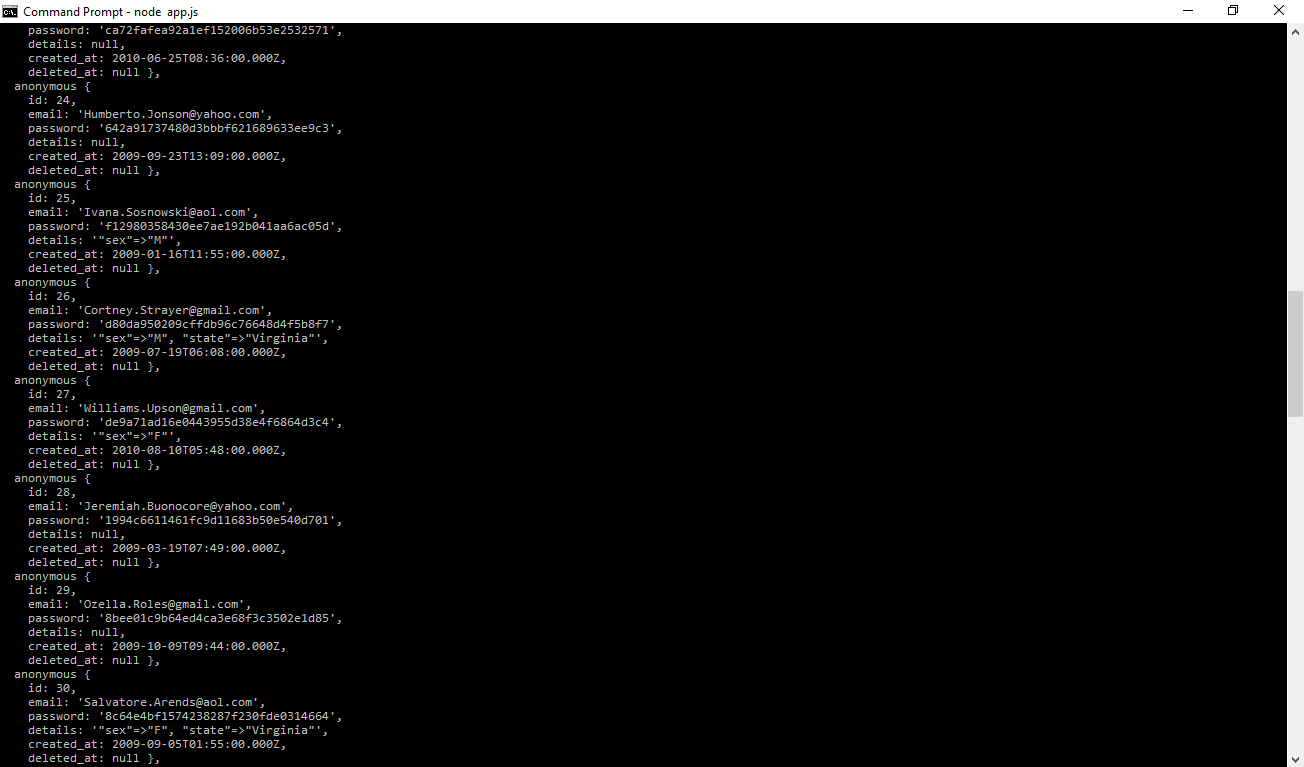
**Users Table Code:**

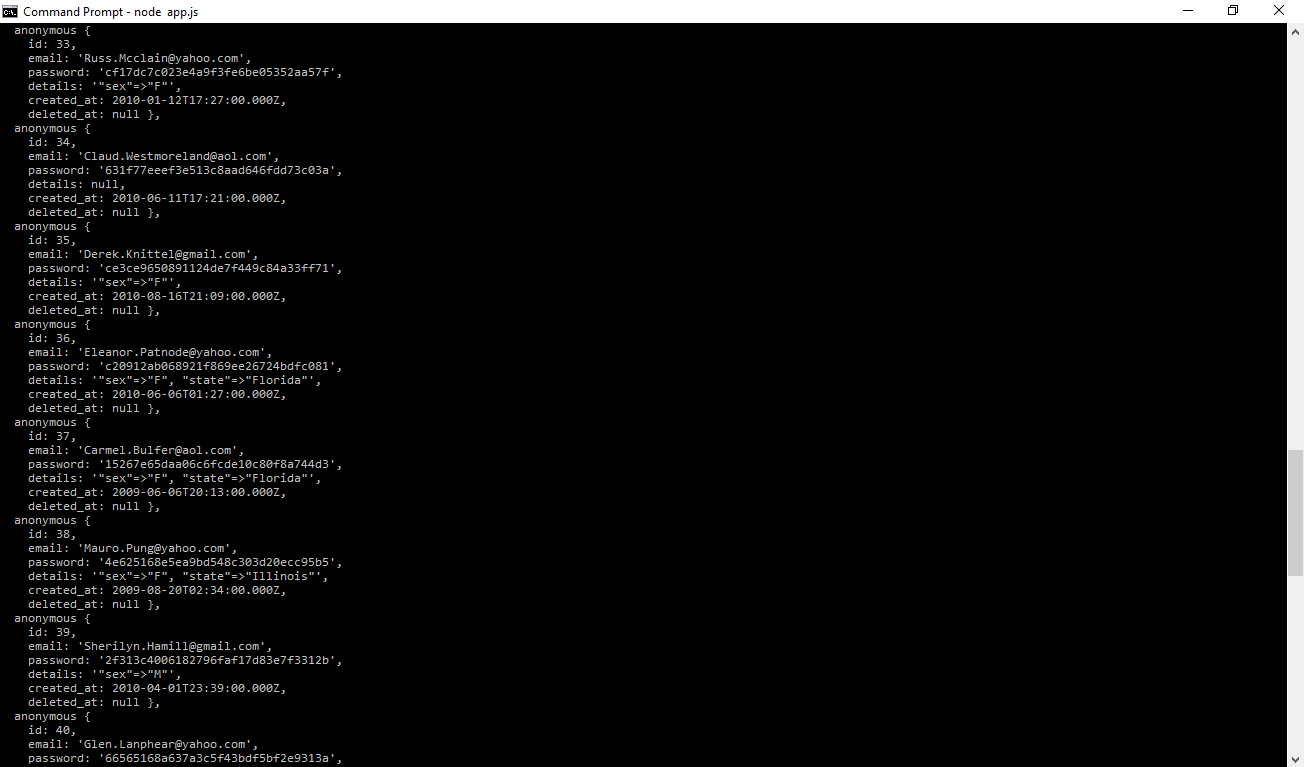


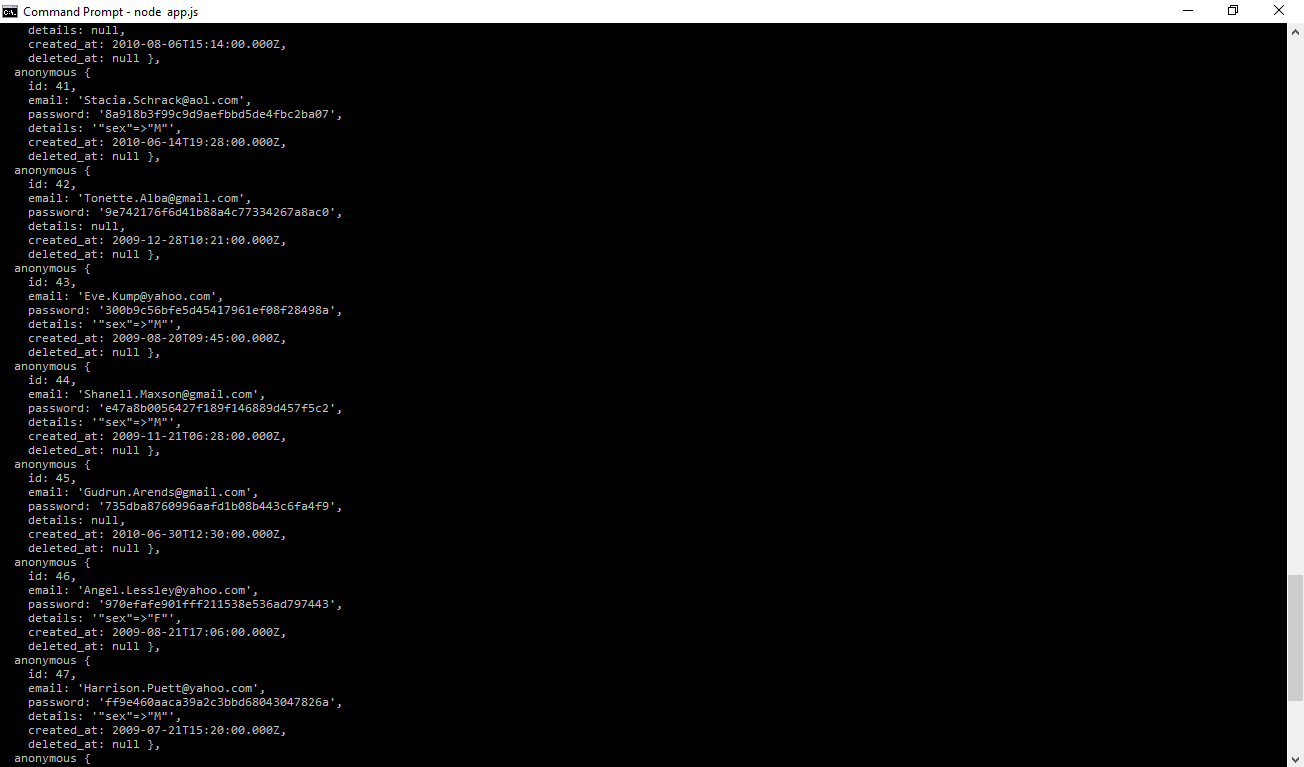
**Users Table Output:**

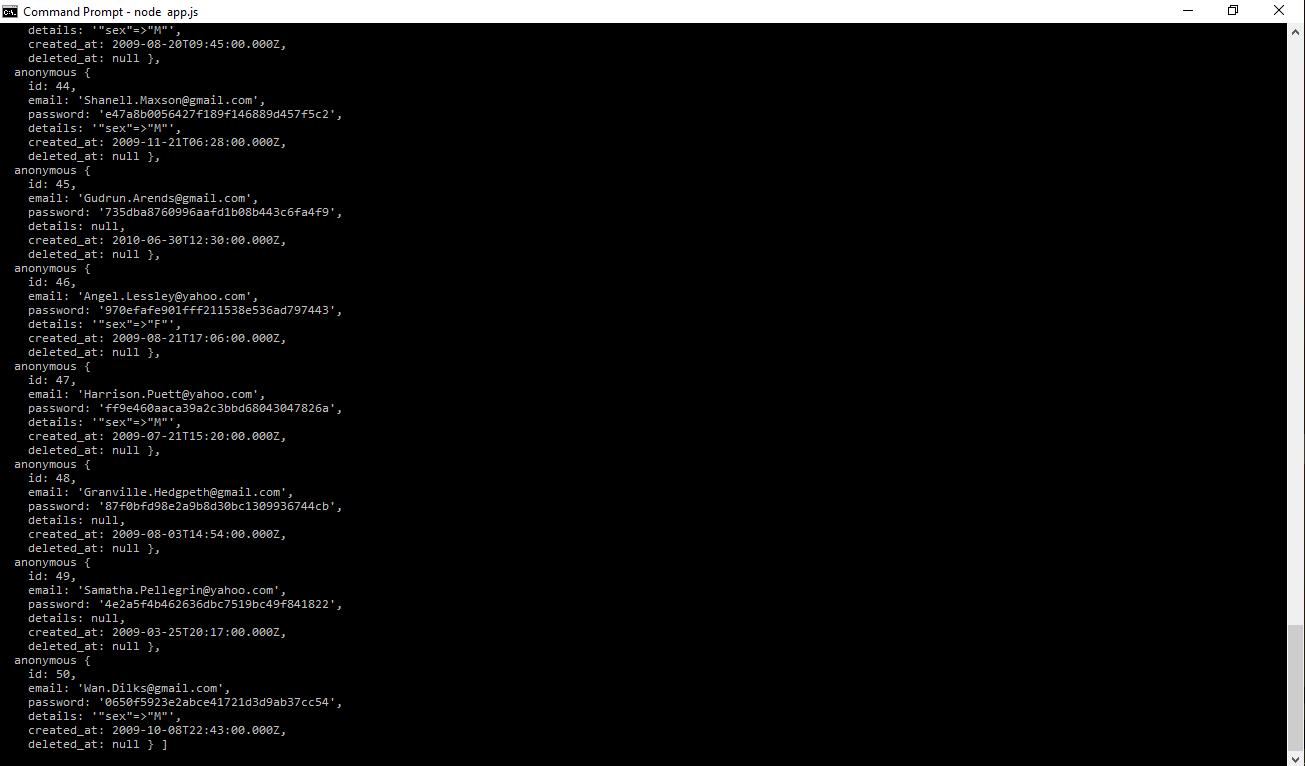




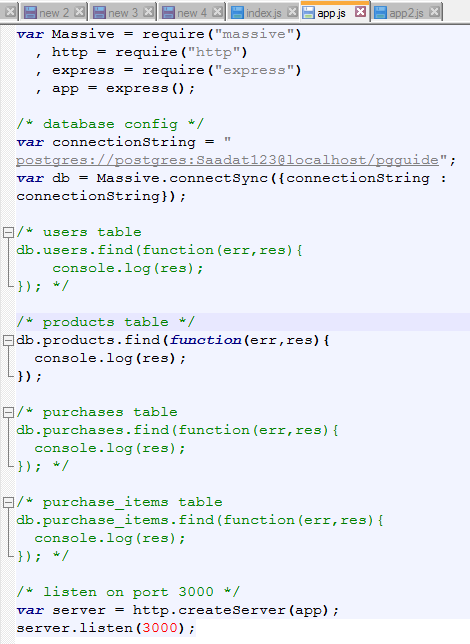




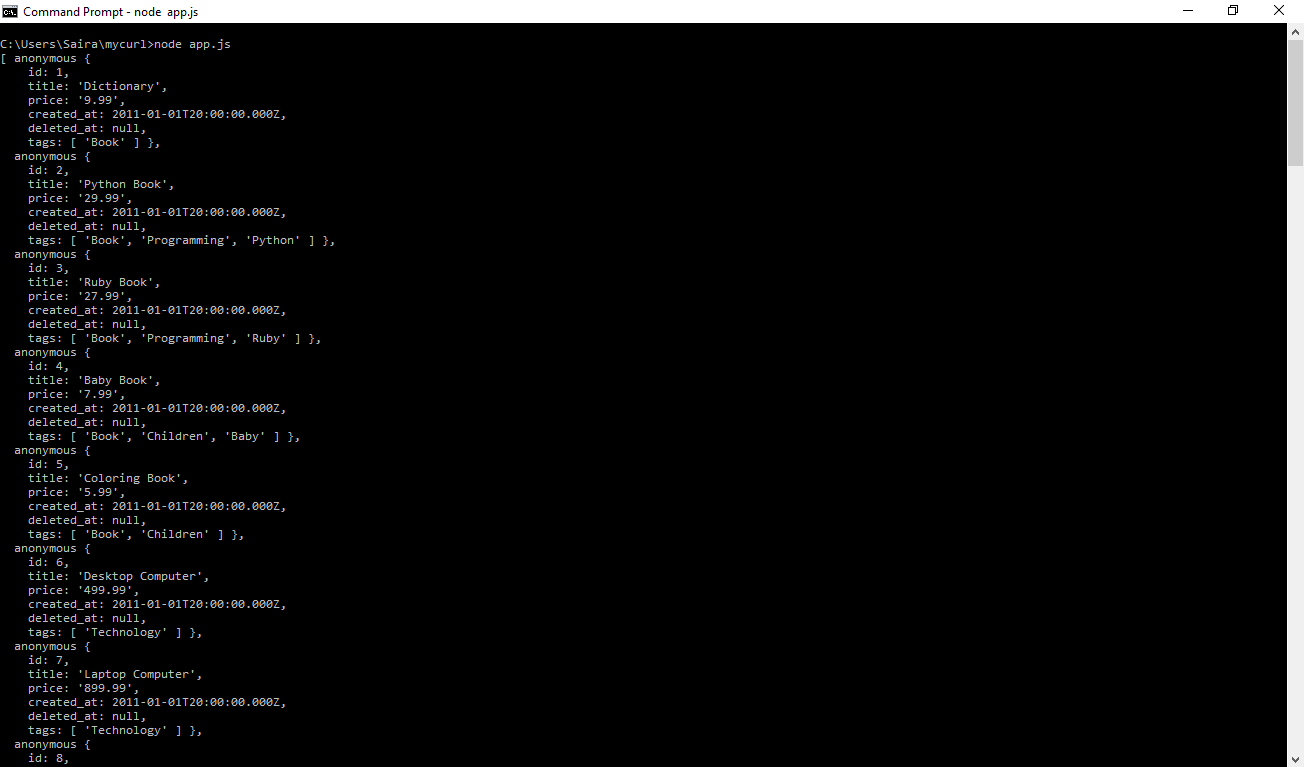




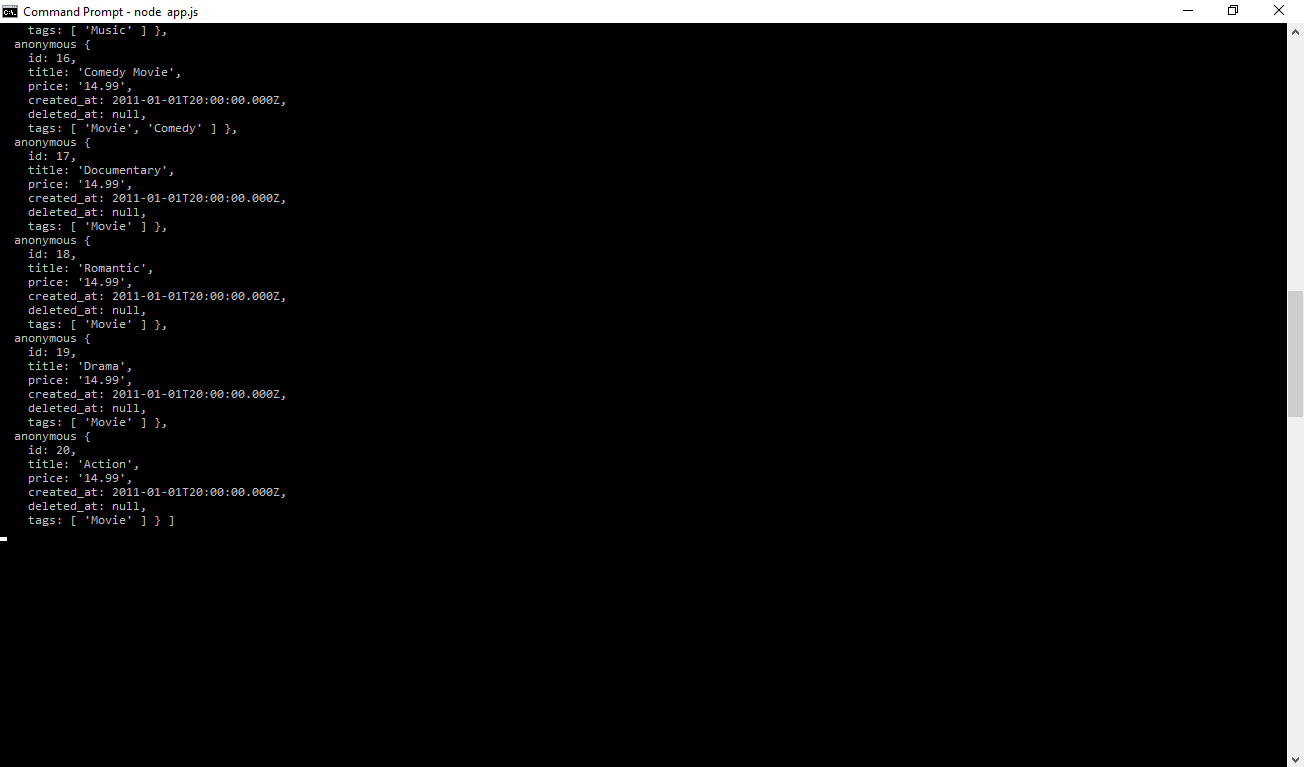
**Products Table Code:**



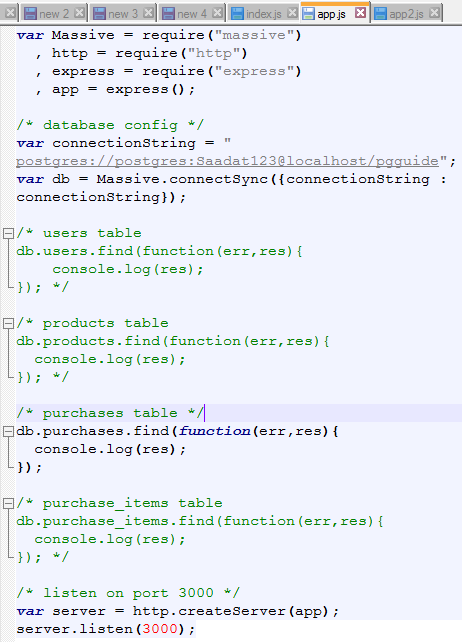
**Products Table Output:**



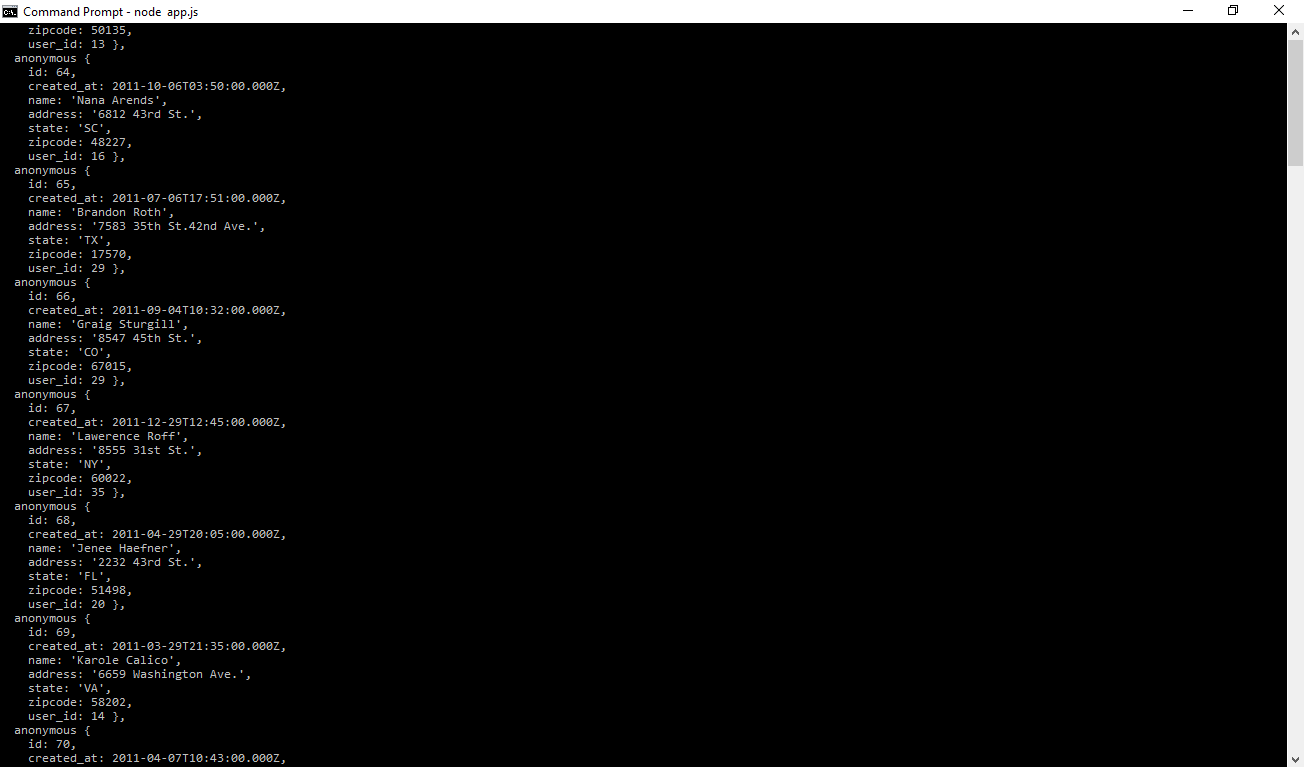




**Purchases Table Code:**



**Purchases Table Output:**





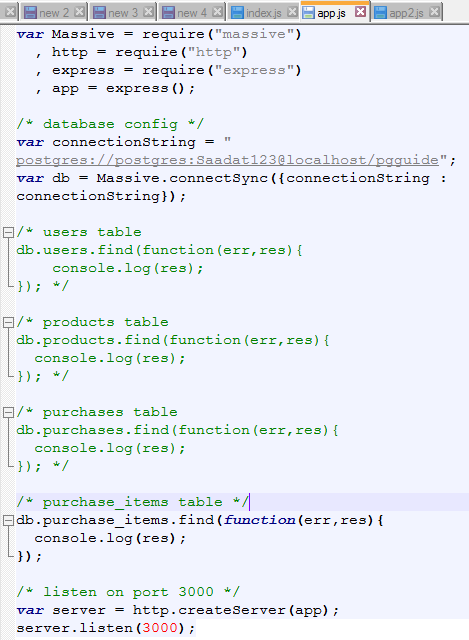




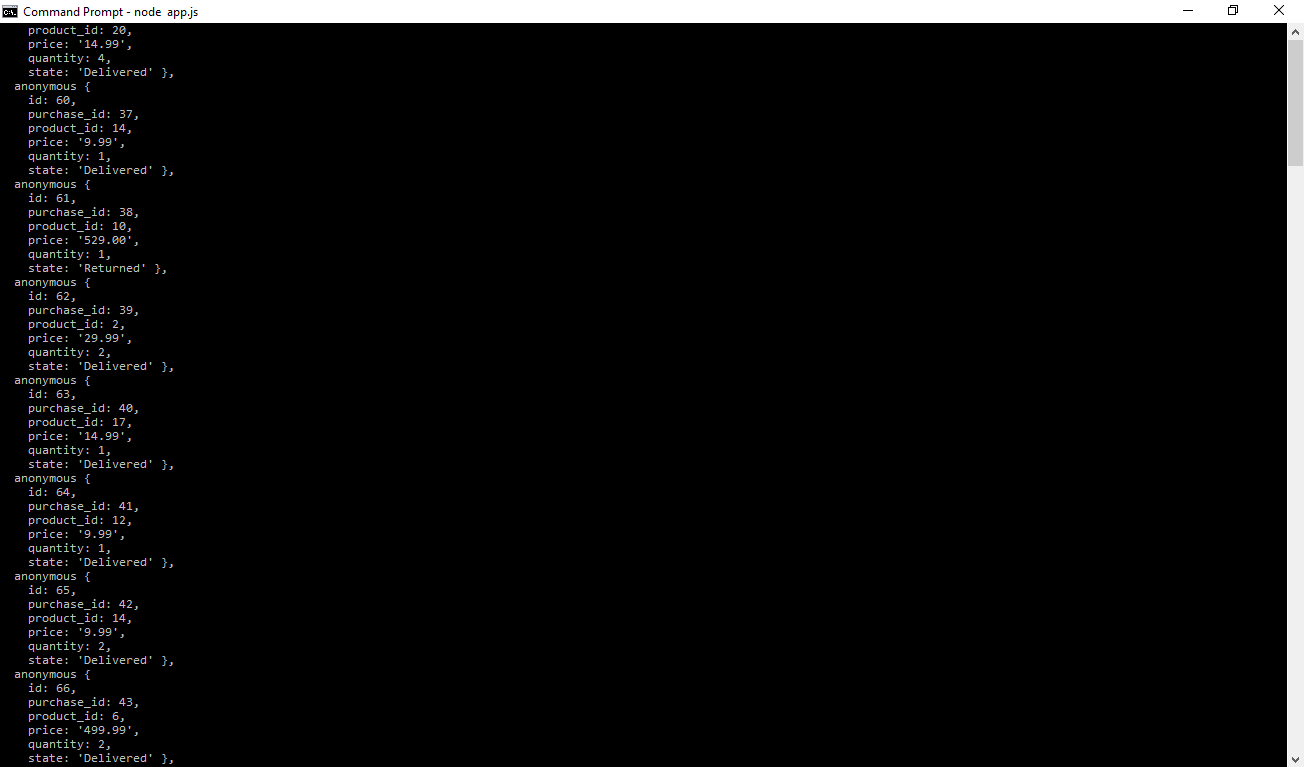


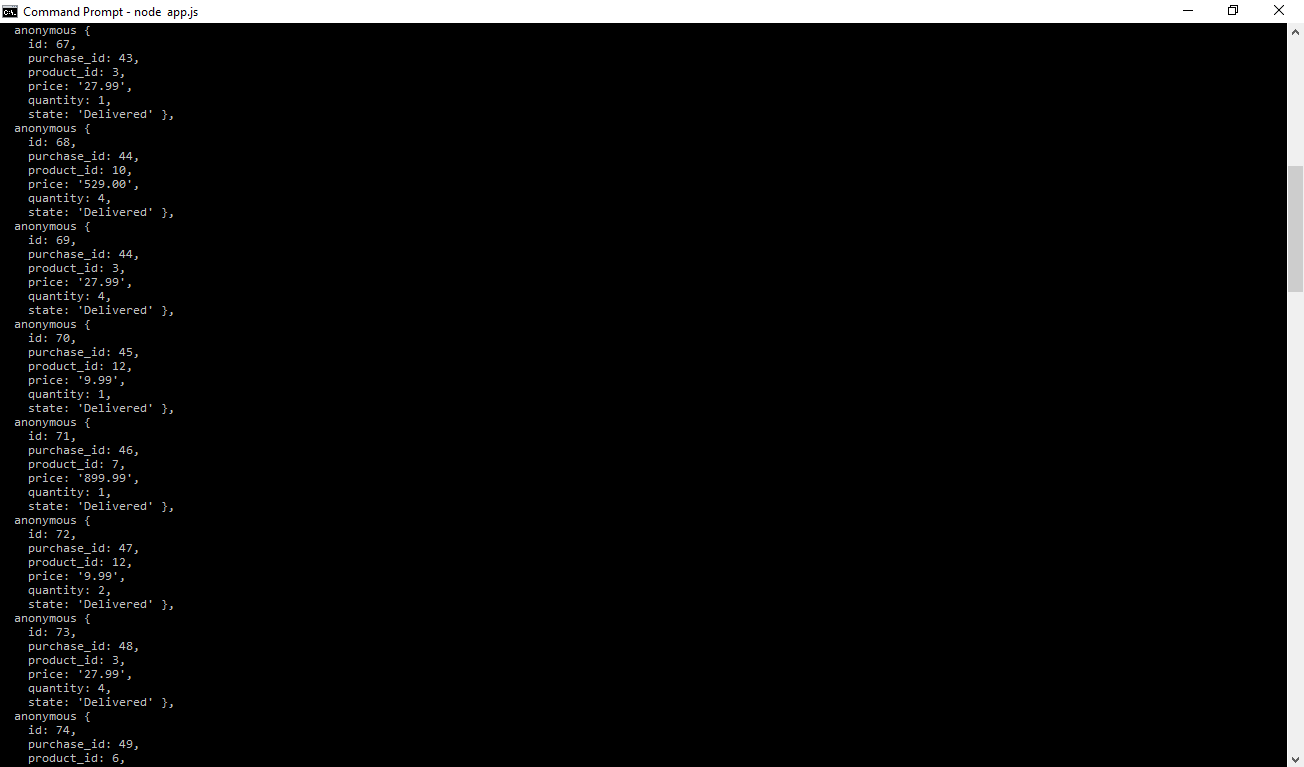


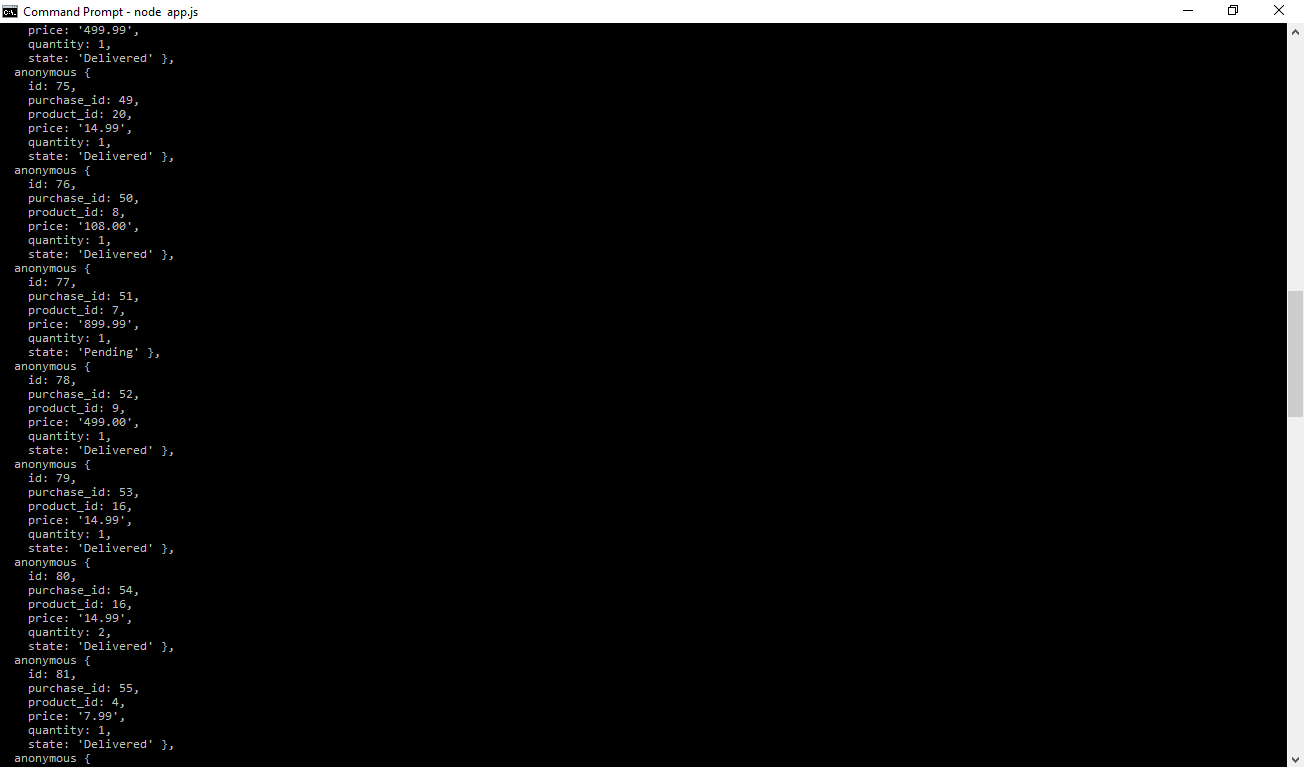
**Purchase Items Table Code:**

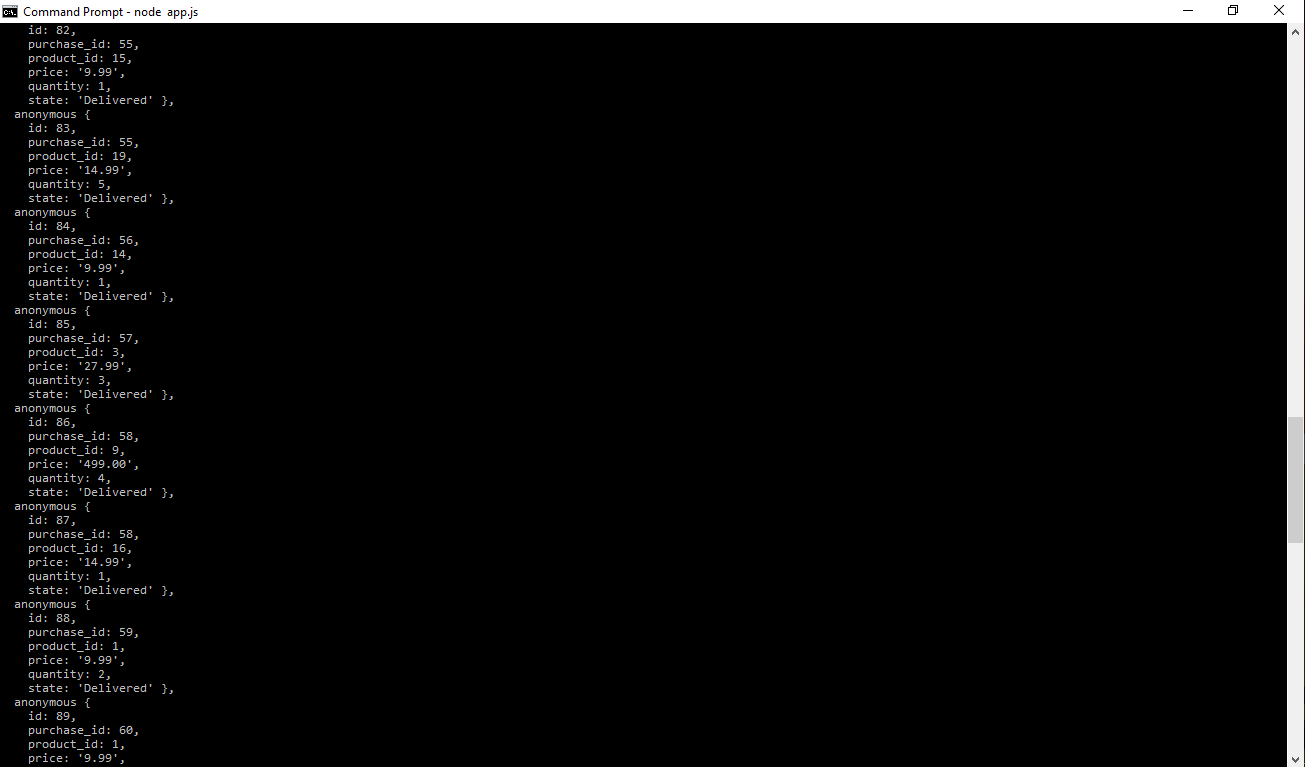


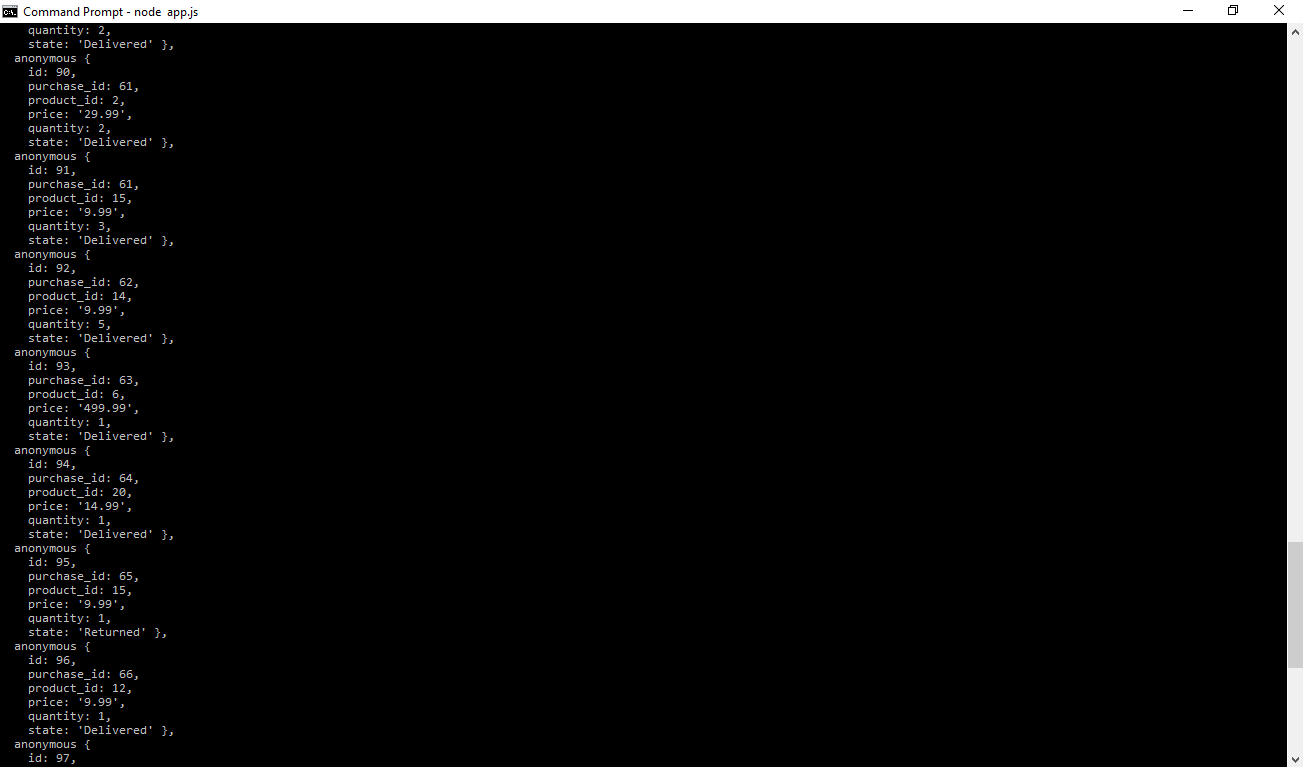
**Purchase Items Table Output:**

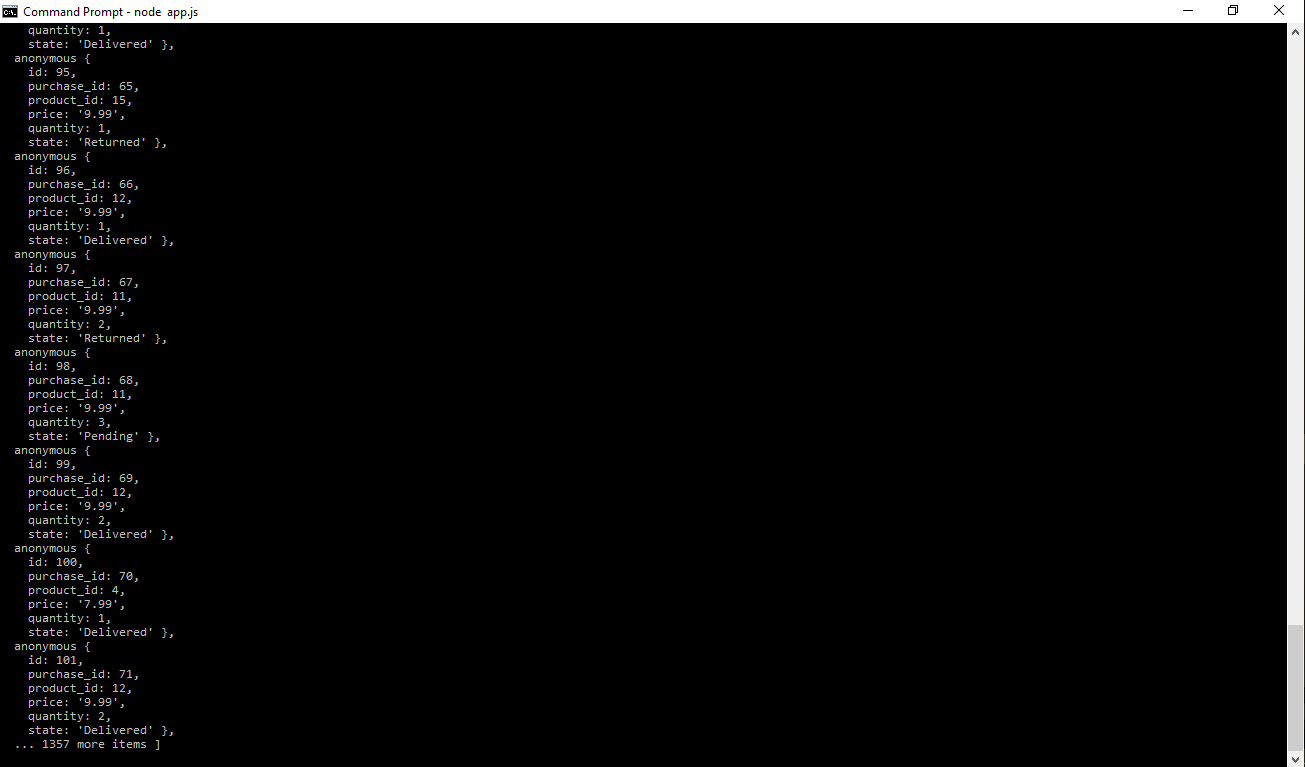








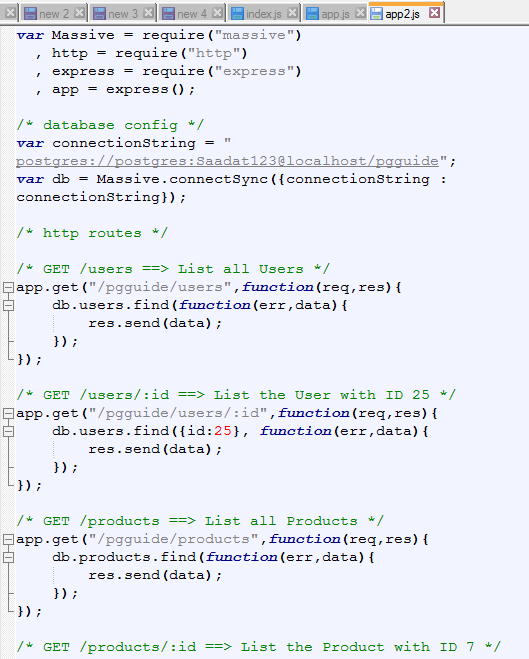


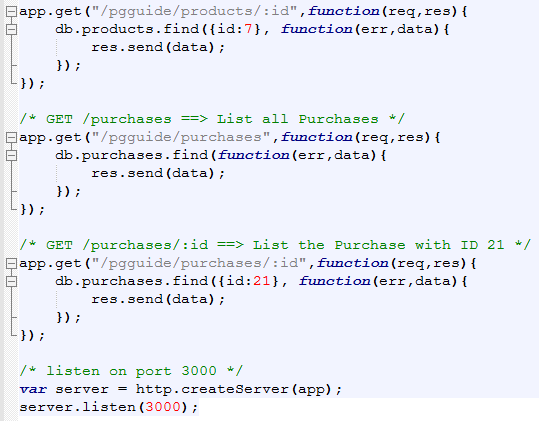


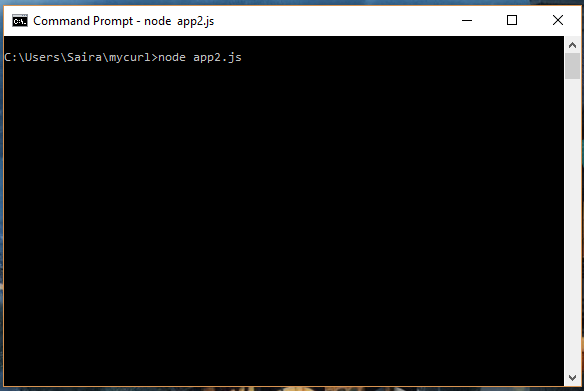
**Part 6 – Node, Express and Massive are altogether used to produce the following HTTP API Endpoints which generate the following JSON documents.**

**Code in ‘app2.js’ file was used to display all the endpoints.**

**Code:**

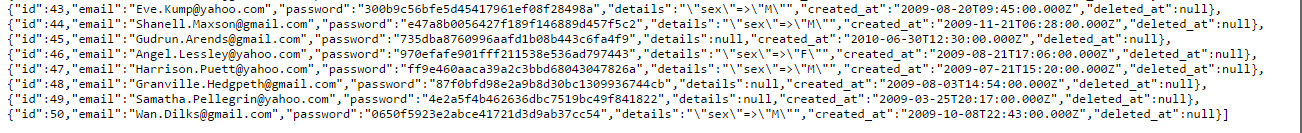




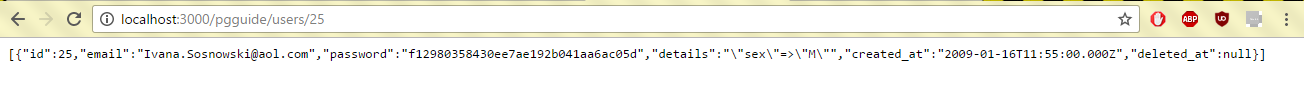


**GET /users output:**

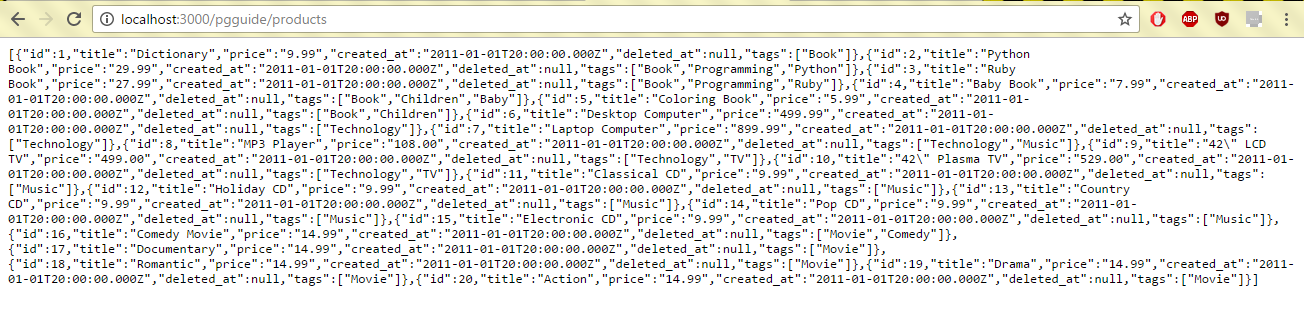




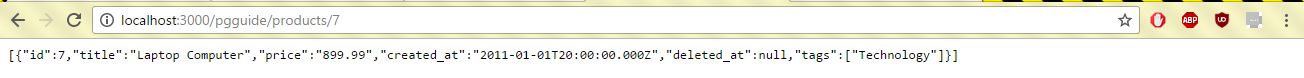
**GET /users/:id (of ID 25)**



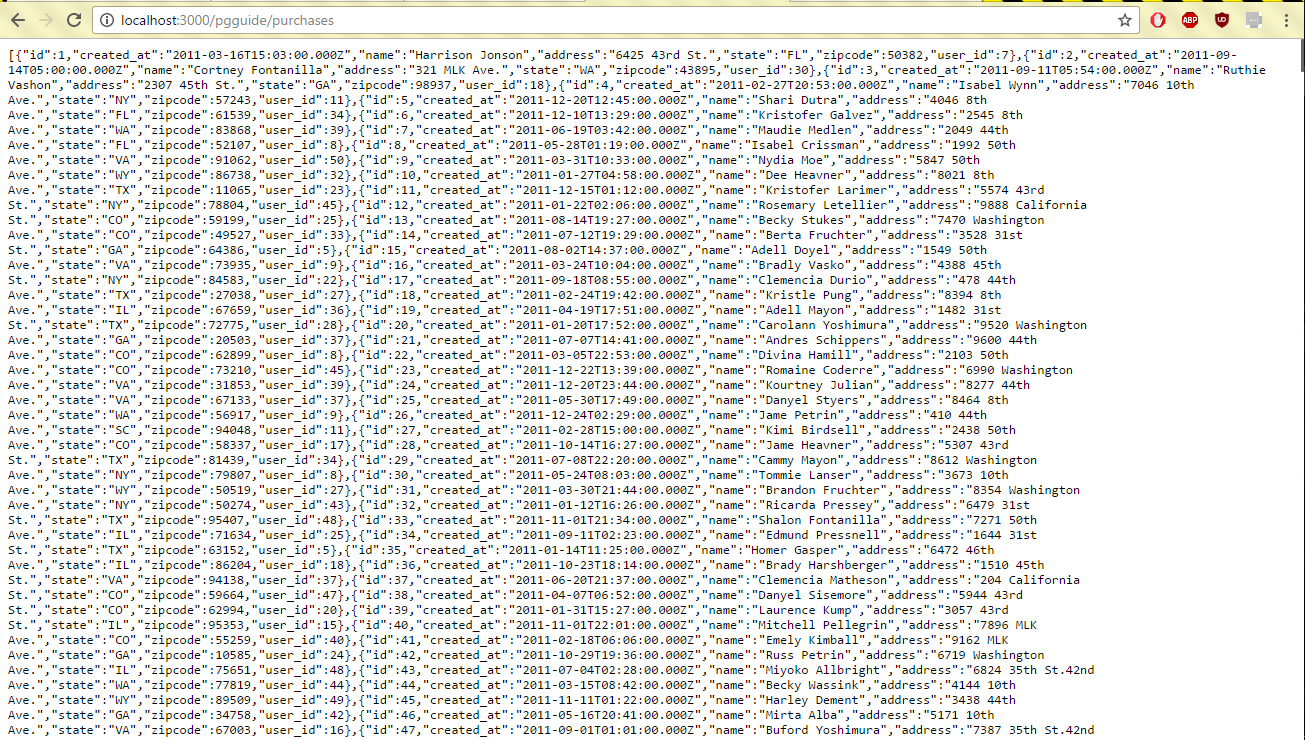
**GET /products**

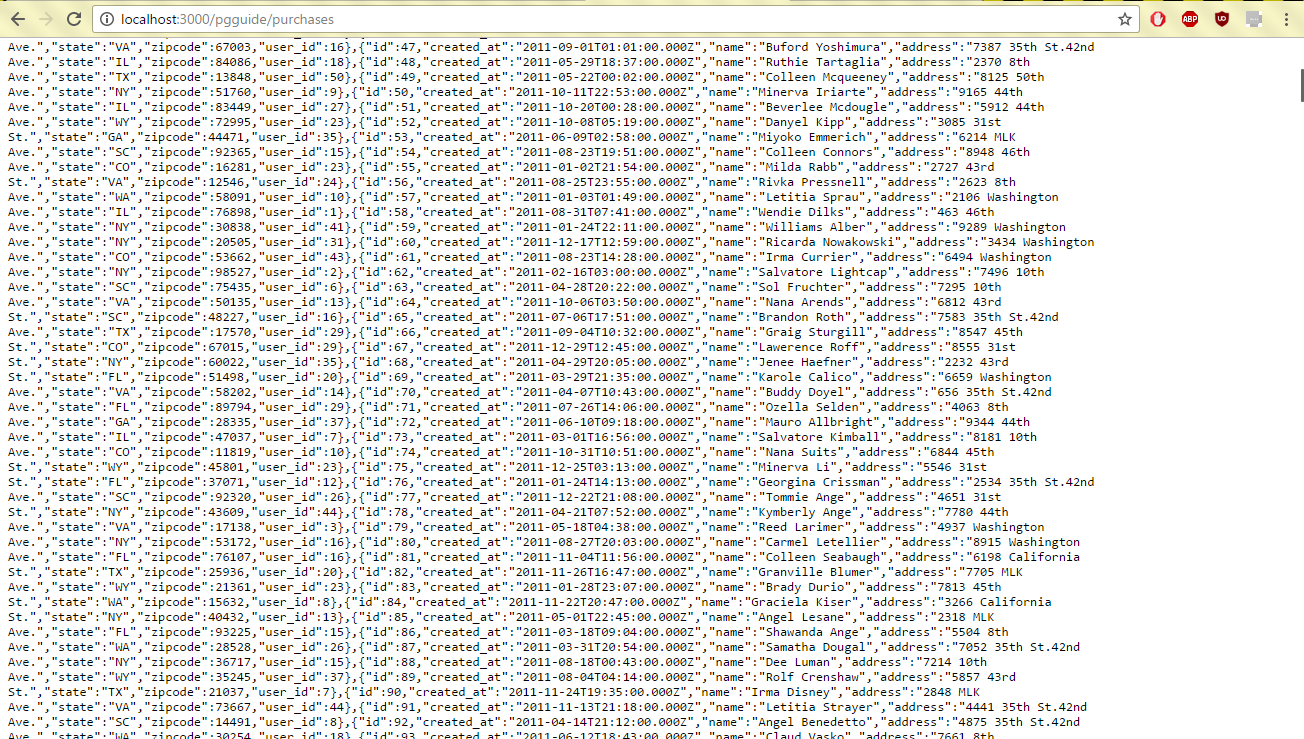


**GET /products/:id (of ID 7)**



**GET /purchases**





**And so on ……**

**GET /purchases/:id (of ID 21)**

