

CSE 220 - WEB PROGRAMMING & SCRIPTING

```
1. var http = require('http');
    http.createServer(function (req, res) {
      res.write('Hello world');
      res.end();
    }).listen(8080)
```

Program for an ~~http~~ server in Node.JS

2. Middleware to log IP address of HTTP requests using Express JS:

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

app.use(function (req, res, next) {
  console.log("Request IP : ", req.ip);
  next();
});

app.listen(3000, function (req, res) {
  console.log("Server running at port 3000");
});
```

3.

a) To create a new database ecommerce:

use ecommerce

b) To create a collection productCategory in the database ecommerce:

db.createCollection("productCategory")

c) To insert one document in the collection productCategory:

db.productCategory.insertOne({ ProductName: "Biscuit",
ProductID: "19",
ProductType: "Solid" })

d) To display all the documents in the collection productCategory:

db.productCategory.find().pretty()

4. Default error-handling middleware in Express JS:

```
const express = require('express');
```

```
const app = express();
```

```
app.use(function(err, req, res, next)
```

```
{  
  res.send("something went wrong 404 error");
```

```
});
```

5. Command to install Express JS:

```
npm install express
```

6. node --version