

Term Project - Node.js

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1 Your Github Repository:

* <https://github.com/ujjwal776/project>

2 codes for the ELECTRON node.js

```
var express = require('express');
var app = express()
const bodyparser = require('body-parser');

app.use(bodyparser.urlencoded({ extended: false }));
app.use(bodyparser.json());


app.get('/', function(req, res) {
    res.send('G2');
})
app.post('/', function(req, res) {
    console.log(req.body);
    res.send('post send ');
});
app.put('/', function(req, res) {

    res.send('this is put');
});
app.delete('/', function(req, res) {

    res.send('delete');
})

app.listen(3000);
```

3 Question and Answers

* What is a Web Service?

A service offered by an electronic device to another electronic device, communicating with each other

* What is a WEB SERVER - How do we implement an HTTP Server in Node.js?

a) A Web server is a program that uses HTTP (Hypertext Protocol) to serve the files that form Web pages to users, in response to their requests, which are forwarded by their computers' HTTP clients.

b) When you start building HTTP-based applications in Node.js, the built-in http / https modules are the ones you

will interact with. Now, let's create your first Node.js HTTP server! We'll need to require the http module and bind our server to the port 3000 to listen on.

- * What advantages are there to the EXPRESS Node Server?

ExpressJS is a prebuilt NodeJS framework that can help you in creating server-side web applications faster and smarter. Simplicity, minimalism, flexibility, scalability are some of its characteristics and since it is made in NodeJS itself, it inherits its performance as well.

- * Why do use Body Parser - what advantages does it do for us?

a) To handle HTTP POST request in Express.js version 4 and above, you need to install middleware module called body-parser.

b) body-parser extract the entire body portion of an incoming request stream and exposes it on req.

- * How do we connect a Node.js application to Sqlite?
Interact SQLite databases from a Node.js application using the sqlite3 module. Open a database connection and perform common database operations such as select, insert, update, and delete. In addition, you will execute SQL statements in serialized mode or in parallel mode.