

**Instructions:**

How to run the project.

**Dependencies:**

- Node 10.14
- Express
- npm

How to install dependencies:

1. Install npm and node:

```
sudo apt install nodejs npm
```

2. Install dependencies from package.json:

```
npm install
```

3. Install Express:

```
npm install express --save
```

How to run the server and interact:

1. From the source folder run:

```
node index.js
```

The server will start listening on port 8081

2. Run *wget* commands on a separate terminal.

Sample Commands:

```
$ wget -qO - http://localhost:8081/insert/101
```

Zip code 101 inserted.

```
$ wget -qO - http://localhost:8081/insert/102
```

Zip code 102 inserted.

```
$ wget -qO - http://localhost:8081/insert/103
```

Zip code 103 inserted.

```
$ wget -qO - http://localhost:8081/insert/105
```

Zip code 105 inserted.

```
$ wget -qO - http://localhost:8081/insert/104
```

Zip code 104 inserted.

```
$ wget -qO - http://localhost:8081/display
```

101-105

```
$ wget -qO - http://localhost:8081/delete/103
```

Zip code 103 deleted.

```
$ wget -qO - http://localhost:8081/has/103
```

false

```
$ wget -qO - http://localhost:8081/has/104
```

true

```
$ wget -qO - http://localhost:8081/display
```

101-102, 104-105