



Day 8 - Express & Postman

1. Doctors are single threaded - Example
2. HTTP is a protocol and you can write it in any language, it is needed to perform a transfer from one place to another.
3. The Doctor Logic:

Your logic is like a doctor

Question - How do I create an HTTP Server?

Ans - Express

Hospital

Doctor 1

```
index.js > ...
1  const express = require("express")
2
3  function calculateSum(a, b) {
4    return a + b;
5  }
6
7  const app = express();
8
9  app.get("/", function(req, res) {
10    const a = req.query.a;
11    const b = req.query.b;
12    const ans = calculateSum(a, b)
13    res.send(ans);
14  })
15
16  app.listen(3001);
```

Doctor 2

```
1  const express = require("express")
2
3  function calculateSum(n) {
4    let ans = 0;
5    for (let i = 1; i <= n; i++) {
6      ans = ans + i;
7    }
8    return ans;
9  }
10
11  const app = express();
12
13  app.get("/", function(req, res) {
14    const n = req.query.n;
15    const ans = calculateSum(n)
16    res.send(ans);
17  })
18
19  app.listen(3000);
```

4. You can use the localhost on your phone as well if you're connected with the same network.

en0 -IP:3000

5. for GET use - **query parameters**

6. for POST use - **body**

7. HTTP works as a file system achiever for local network devices.