# Express Simple Calculator Exercise

First Number: 22

Second Number: 23

Operation: Addition

Submit

---

package.json 1, U    **calculation.js U** ✕    index.html U

Express > calculation.js > ...

```javascript
1    const express = require('express');
2    const bodyParser = require('body-parser');
3    const url = require('url');
4    const e = require('express');
5    const path = require('path');
6
7    const app = express();
8
9    app.use(bodyParser.urlencoded({ extended: false }));
10   app.use(bodyParser.json());
11
12
13   app.get('/calculation', function(req, res) {
14
15       // Access the provided 'page' and 'limt' query parameters
16       let first = Number.parseInt(req.query.first);
17       let second = Number.parseInt(req.query.second);
18       let operation = req.query.operation;
19       let result = 0;
20
21       if(operation == "add") {
22           result = first + second;
23       } else if (operation == "sub") {
24           result = first - second;
25       } else if (operation == "mult") {
26           result = first * second;
27       } else {
28           result = first / second;
29       }
30
```

```
30
31      res.send(`<!DOCTYPE html>
32      <html lang="en">
33      <head>
34          <meta charset="UTF-8">
35          <meta http-equiv="X-UA-Compatible" content="IE=edge">
36          <meta name="viewport" content="width=device-width, initial-scale=1.0">
37          <title>Simple Calculator</title>
38      </head>
39      <body>
40          <h1>The result is: ${String(result)} </h1>
41          <br/>
42          <form action = "/">
43              <input type= "submit" value="Make Another Calculation" />
44          </form>
45      </body>
46      </html>`);
47
48  });
49  |
50  app.get('/', function(req, res, next) {
51      res.sendFile(path.join(__dirname+'/index.html'));
52  });
53
54  app.listen(8080, () => {console.log('Server is running.......')});
```

localhost:8080/calculation?first=22&second=23&operation=add&add=Submit

# The result is: 45

Make Another Calculation