

# # Building calculator on a server

i) cd Desktop

mkdir Calculator

cd Calculator

touch calculator.js

code

ii) npm init // initialise server  
apt install express

iii) const express = require("express");  
const bodyParser = require("body-parser");  
app.use(bodyParser.urlencoded({ extended: true }));  
const app = express;  
// npm install body-parser  
app.post("/", function (req, res) {  
 res.send

3

app.get("/", function (req, res) {  
 res.sendFile(\_\_dirname + "/index.html");  
3

app.listen(3000);

where to send

to send : process

<form action="/" method="post">

gives current path of  
the file where it is  
located. we cannot give "/" here as we  
do not know where is the index.html located in others  
cloud.

```
*① const express = require ("express");  
② const bodyParser = require ("body-parser");  
③ app. use ( bodyParser. wileencoded (extended: true));  
const app = express(); used for post nested  
from form object  
HTML
```

// npm uninstall body-parser

```
④ app. post ("/", function (req, res) {  
    var num1 = Number (req. body. num1); attribute name in HTML form input: 4  
    var num2 = Number (req. body. num2); input: 5  
    var result = num1 + num2; output: 45  
    res. send ("The result is " + result);  
})
```

```
⑤ app. get ("/", function (req, res) {  
    res. sendFile (__dirname + "/index.html");  
})
```

3

```
⑥ app. listen (3000);
```

```
<form action = "/" method = "post" >  
    where to send to send : process  
    sending it to the server
```