

# Express Framework

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# Node.js

Execute node file

```
→ ~ node filename.js
```

# Global object

```
1 console.log(global);
```

# Global object

```
1 var a = 12;  
2 b = 5;  
3  
4  
5 console.log(global);  
.
```

# Module

```
1 console.log(module);
```

# Module Exports

```
1 function hello() {  
2     console.log('i love node.js');  
3 }  
4  
5  
6 module.exports = hello;
```

```
1 const app = require('./app.js');  
2  
3 console.log(app);  
4
```

# HTTP module

```
1 const http = require('http');
2
3 const server = http.createServer(function (req, res){
4     console.log(req.url);
5     res.write('Hello');
6     res.end();
7
8 });
9
10 server.listen(3000);
11
```

# Express.js

- `npm install express`



# First express app

```
1 const express = require('express');
2 const app = express();
3
4
5 app.get('/', function(req, res) {
6     res.send('Hello express');
7 });
8
9 app.listen(3000);
10
```

---

# Parameter path

```
1 const express = require('express');
2 const app = express();
3
4
5 app.get('/', function(req, res) {
6     res.send('Hello express');
7 });
8
9 app.get('/app/:id', function (req, res) {
10
11     res.send(req.params);
12 });
13
14 app.listen(3000);
15
```



# Query request

```
1 const express = require('express');
2 const app = express();
3
4
5 app.get('/', function(req, res) {
6     res.send('Hello express');
7 });
8
9 app.get('/test', function (req, res) {
10     res.send(req.query);
11 }
12
13 app.listen(3000);
14
```