

Program No	3
Roll No	MCA2511
Title	Creating modules in Node.js
Objective	Create a calculator module in node js B1

### CODE:

#### lab3.js

```
// Addition, Subtraction, Multiplication, Division, Modulos function
exports.add = function add(x,y) {return x+y;}
exports.sub = function sub(x,y) {return x-y;}
exports.mul = function mul(x,y) {return x*y;}
exports.div = function div(x,y) {return x/y;}
exports.mod = function mod(x,y) {return x%y;}
```

#### uselab3.js

```
var uselab3 = require('./lab3.js');
n1 = 10, n2 = 20;
console.log("Addition of "+n1+" & "+n2+"\t\t:" + uselab3.add(n1,n2));
console.log("Subtraction of "+n1+" & "+n2+"\t\t:" +uselab3.sub(n1,n2));
console.log("Multiplication of "+n1+" & "+n2+"\t\t:" + uselab3.mul(n1,n2));
console.log("Division: of "+n1+" & "+n2+"\t\t:" + uselab3.div(n1,n2));
console.log("Modulos: of "+n1+" & "+n2+"\t\t:" + uselab3.mod(n1,n2));
```

### OUTPUT:

```
PS C:\Users\mcamock\Desktop\WEB_LAB\node.js> node uselab3.js
Addition of 10 & 20 :30
Subtraction of 10 & 20 :-10
Multiplication of 10 & 20 :200
Division: of 10 & 20 :0.5
Modulos: of 10 & 20 :10
PS C:\Users\mcamock\Desktop\WEB_LAB\node.js> []
```