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ASSIGNMENT -1

(Node.js Custom Module Assignment)

**greetings.js**

function greet(name) {

return `Hello, ${name}! Welcome to the Node.js module system.`;

}

module.exports = { greet };

**main.js**

const {greet} =require (‘./greetings.js’);

const name =’shubham’;

console.log(greet(name));

2.

**mathOperations.js**

function add(a, b) {

return a + b;

}

function sub(a, b) {

return a - b;

}

function mul(a, b) {

return a \* b;

}

function div(a, b) {

return a / b;

}

module.exports = {add,sub,mul,div};

**main.js**

const math = require('./mathOperations.js');

console.log( math.add(10, 5));

console.log( math.sub(10, 5));

console.log( math.mul(10, 5));

console.log( math.div(10, 5));

3.

**main.js**

const { greet } = require('./greetings.js');

const math = require('./mathOperations.js');

const name = ‘shubham’;

console.log(greet(name));

const a = 10;

const b = 5;

console.log( math.add(a, b));

console.log( math.sub(a, b));

console.log( math.mul(a, b));

console.log( math.div(a, b));