Node.js Assignment 1

1. greetings.js

```js
// greetings.js

function greet(name) {

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

}

module.exports = greet;
```

2. mathOperations.js

```js
// mathOperations.js

function add(a, b) {

    return a + b;

}


function subtract(a, b) {

    return a - b;

}


function multiply(a, b) {

    return a * b;

}


function divide(a, b) {

    return a / b;
```

```
}
```

```
module.exports = { add, subtract, multiply, divide };
```

3. main.js

```js
// main.js

const greet = require('./greetings');

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


const name = 'Vartul';

console.log(greet(name));


console.log('Addition:', math.add(10, 5));

console.log('Subtraction:', math.subtract(10, 5));

console.log('Multiplication:', math.multiply(10, 5));

console.log('Division:', math.divide(10, 5));
```