

Node.js Assignment – Solution(Jatin Agrawal)

1 . greetings.js

```
// greetings.js
```

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

```
module.exports = greet;
```

2 . mathOperations.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) {      if (b === 0) {      return
```

```
  "Cannot divide by zero";    }    return a / b; }
```

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

1. 3. main.js

```
// main.js
```

```
const greet = require('./greetings'); const math = require('./mathOperations');
```

```
const name = 'Jatin';
```

```
console.log(greet(name));
```

```
const a = 20, b = 5; console.log(`Add: ${math.add(a, b)}`); console.log(`Subtract:
```

```
 $\text{math.subtract(a, b)}$ `);
```

```
console.log(`Multiply:  $\text{math.multiply(a, b)}$ `);
```

```
console.log(`Divide:  $\text{math.divide(a, b)}$ `);
```

