

NODE Js Assignment Solution

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

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

```
2. 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,  
};
```

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

```
const name = "Samriddhi";  
console.log(greet(name));
```

```
const a = 10;  
const b = 5;
```

```
console.log(`Addition: ${a} + ${b} = ${math.add(a, b)}`);  
console.log(`Subtraction: ${a} - ${b} = ${math.subtract(a, b)}`);  
console.log(`Multiplication: ${a} * ${b} = ${math.multiply(a, b)}`);  
console.log(`Division: ${a} / ${b} = ${math.divide(a, b)}`);
```