4.2C: Enhanced Functionality for the Calculator Microservice (Zeyu Chen)

GitHub Link (private):

https://github.com/Cikky0209/SIT323_ZeyuChen.git

Submission:

- 1. Additional Arithmetic Operations:
- Exponentiation:

```
//Exponetiation

const exponetiation = (n1, n2) => {

return Math.pow(n1, n2);

}

52
```



{"statuscode":200,"data":4}

• Square root:

```
//Square root
const sugareRoot = (n) => {
   return Math.sqrt(n);
}
```

{"statuscode":200,"data":11}

• Modulo operations:

```
//Modulo operations
const modulo = (n1, n2) => {
    return n1 % n2;
}
```

```
    ✓ Week 4.mp4
    X S localhost:3040/modulo?n1=2
    X S localhost:3040/modulo?n1=2
    X S localhost:3040/modulo?n1=2
    X S localhost:3040/modulo?n1=2
```

{"statuscode":200,"data":2}

2. Error Handling:

• More detail when user input the content with n1 and n2.



• Division by zero error.

