

Output

Clear

```
[[[SPECIAL CALCULATOR]]]
```

```
[D] - Divide
```

```
[E] - Exponentiation
```

```
[R] - Remainder
```

```
[F] - Summation
```

```
Input operation: d
```

```
DIVISION MODE
```

```
Enter 1st num: 12
```

```
Enter 2nd num: 5
```

```
12 divided by 5 is 2.4
```

```
Again [Y/N]: y
```

```
[D] - Divide
```

```
[E] - Exponentiation
```

```
[R] - Remainder
```

```
[F] - Summation
```

```
Input operation: d
```

```
DIVISION MODE
```

```
Enter 1st num: 123
```

```
Enter 2nd num: 0
```

```
invalid denominator! cannot divide by zero!
```

```
Again [Y/N]: |
```

[D] - Divide
[E] - Exponentiation
[R] - Remainder
[F] - Summation

Input operation: e

EXPONENTIATION MODE

Enter Base num: 5

Enter By the pow: 2

5 by the power of 2 is: 25

Again [Y/N]: y

[D] - Divide
[E] - Exponentiation
[R] - Remainder
[F] - Summation

Input operation: e

EXPONENTIATION MODE

Enter Base num: 10

Enter By the pow: 5

10 by the power of 5 is: 100000

Again [Y/N]: |

[D] - Divide
[E] - Exponentiation
[R] - Remainder
[F] - Summation
Input operation: r

REMAINDER MODE

1st num: 15

2nd num: 7

The remainder of 15 divided by 7 is 1

Again [Y/N]: y

[D] - Divide
[E] - Exponentiation
[R] - Remainder
[F] - Summation
Input operation: r

REMAINDER MODE

1st num: 15

2nd num: 5

The remainder of 15 divided by 5 is 0

Again [Y/N]: |

[D] - Divide
[E] - Exponentiation
[R] - Remainder
[F] - Summation

Input operation: f

SUMMATION MODE

Enter 1st num: 4

Enter 2nd num: 8

4 + 5 + 6 + 7 + 8

The summation of 4 to 8 is 30

Again [Y/N]: y

[D] - Divide
[E] - Exponentiation
[R] - Remainder
[F] - Summation

Input operation: f

SUMMATION MODE

Enter 1st num: 10

Enter 2nd num: 4

Invalid! 1st number MUST BE GREATER THAN 2nd number

Again [Y/N]: n

=== Code Execution Successful ===