Valid inputs:

```
jake@pop-os:~/Documents/Schoolwork/CYB220/Homework/HW3$ ./a.out
Enter an expression: ABCabc+30
Result: EFGefg
Enter an expression: 220+cyb
Result: okn
Enter an expression: CYBERsecurity-5
Result: XTWZMnzxpmdot
Enter an expression: 6*zzzz
Result: zzzzzzzzzzzzzzzzzzzzzzzz
Enter an expression: CYB*220
Result: CYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYB
YBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYBCYB
Enter an expression: Cybersecurity/8
Result: Cyber
Enter an expression: 20/Cybersecurity
Result:
Enter an expression: 100%7
Result: 2
Enter an expression: []
```

Invalid inputs:

```
jake@pop-os:~/Documents/Schoolwork/CYB220/Homework/HW3$ ./a.out
Enter an expression: 2000000000+300000000
Integer overflow!
Result: 0
Enter an expression: 123+4000000000
Input contains integer overflow!
Enter an expression: 77777*100000
Integer overflow!
Result: 0
Enter an expression: -abc123
Failed to get operand1
Enter an expression: abcde*500
Too long! Truncating result...
Result: abcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcde
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eabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcdeabcd
Enter an expression: abcde*500,
Invalid input(s) detected.
Enter an expression: 9+abc;def
Invalid input(s) detected.
Enter an expression: 123+5+6+7
Invalid input(s) detected.
Enter an expression: Abc-xyz
Both operands are strings
Enter an expression: 3*aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa
Inputs too big!
Enter an expression: 500%0
Divide or mod by 0 error
Enter an expression: Abc%4
Mod with string
Enter an expression: 3 + 0
Invalid input(s) detected.
Enter an expression: exit
Exiting program...
```