Evaluating Arthematic Expression

Input: Arthematic Expression

Output: Result of the arthematic expression keeping operator precedence in mind

Input Format:

Multiple Arthematic Expressions, each in a new line.

Structure of Arthamtic Expression:

Integer BinOp Integer BinOp Integer .... BinOp Integer BinOp is +, -, *, / Integer is a string of digits, where digits are 0, 1, 2, 3, 4, 5, 6, 7, 8, 9.

Output Format:

Evaluated result (each in a new line) for each arthematic expression

Example of input:

```
2 / 0
36*98
44-46*14*6-10
87*26
32-52
38
34-34*54-50
87+55
41-13/40/16
30/25-21
```

Example of Output:

```
Division by zero
3528
-3830
2262
-20
38
-1852
142
41
-20
```

NOTE:

1) Print out "Division by zero" if the expression divides by 0
2) There is no need to handle overflow
3) Assume that the input is wellformed

Helpful Function:

```
// reads one line from input stream into buffer (std::string type)
// returns 0 if std::cin encounters EOF charecter => input has ended.
// https://en.cppreference.com/w/cpp/string/basic_string/getline
std::getline(std::cin, buffer);


/// Takes integer in string representation and outputs the corresponding string
// inputString is std::string type
// can throw std::invalid_argument if input is not a valid integer string
// https://en.cppreference.com/w/cpp/string/basic_string/stol
std::stoi(inputString);
```