If I give the input

1 2 3 + -

According to my understanding,

stack
1 1
2 1 2
3 1 2 3
+ 1 5 -> 3 comes out first, then 2, then 3 + 2 = 5
- 4 -> 5 comes out first because it is new one to come for the queue, then 1, then 5 - 1
=4

This is what I though of stack-based RPN calculator. However, when I tried the same input sequence on the RPN calculator provided online, they all gave me the answer of -4.

Is there something wrong with my understanding?
Should our language handle divide by zero errors? Or is it sufficient enough for our host language to output its native error message for it?

Subject: Re: RPN Calculator
Posted by lusht on Mon, 21 Nov 2016 17:42:35 GMT

You don't have to handle it, but it's nice (and easy) to do so.