Homework 2

1. Calculator with only one line of problem.

Input: 2 + 2

Output: 4

Input: 3 \* 8

Output: 24

Input: 2 + 3 \* 6

Output: 20

Input: 1 + 2 – 3/4

Output: 2.25

1. Calculator for quadratic equation (No complex roots, D >= 0)

Input: 1a – 3b – 4 // means 1x2 – 3x – 4

Output: root 1 = 4; root 2 = -1

For both tasks:

input numbers > -2147483647

input numbers < 2147483647

1. Compare the execution time of malloc(), realloc(), calloc()