1. The first item in is the last item out, you can push items onto the stack, and you can pop items off of the top of the stack
2. first item in is the first item out, you can push items into the queue, and you can pop items out of the front of the queue
3. An item gets added to the stack and the "top" is moved to where the new item is
4. The item at the top of the stack is removed and the "top" is moved to where the next item down is
5.
    a. FA
    b. Right after the Push D
    c. MFA
6. When you push data past the point of allocated space for the stack
7. When you pop and there is nothing to remove from the stack
8.
    a. PUSH A
    b. PUSH B
    c. MUL
    d. PUSH C
    e. DIV
    f. PUSH D
    g. PUSH E
    h. SUB
    i. ADD
    j. PUSH F
    k. NOT
    l. PUSH G
    m. PUSH H
    n. MUL
    o. DIV
    p. SUB
    q. NOT