Lab 1

Q1. Use the stack data structure learned from class to convert decimal number into binary number.

For example:

Input: 100

Output: 1100100

Stack should look like:

Quotient	Stack
1	1
3	1
6	0
12	0
25	1
50	0
100	0

Q2. What is the final Prefix expression of the follow:

Q3. What is the final Postfix expression of the follow:

Q4. What is the Infix expression after evaluating the following Postfix expression: