SWE 514 Computer Systems
Project (due April 16th)
(This project can be implemented in groups of at most two students.)

In this project, you will implement an A86 assembly language program that will input postfix expression involving hexadecimal quantities and evaluate it. After evaluation, the result should be output. Here are some example inputs to the program and the outputs generated:

input	output
2 3 + 4 5 + * 2 /	0016
A B C + 2 + *	00FA
1 2 4 + + FFFF ^	FFF8

The following operations will be supported.

operation symbol	meaning
+	addition
*	multiplication
/	integer division
^	bitwise xor
&	bitwise and
|	bitwise or

You can make the following assumptions:
- The input tokens are separated by a blank character.
- The postfix expression given is syntactically correct.
- All values and results of operations will be 16 bit values.

Grading
Your project will be graded according to the following criteria:

Documentation (written document describing how you implemented your project)	12%
Comments in your code	8%
Implementation and tests	80%