Question.

Fill the table below accordingly to convert the expression

`A * B ^ C + D`

given in infix notation to an expression in postfix notation using an operator stack. Note that you are supposed leave some of the cells under Operator Stack blank.

Token	Operator Stack			Top	Output
	[0]	[1]	[2]		
A				-1	A
*	*			0	A
B	*			0	A B
^	*	^		1	A B
C	*	^		1	A B C
+	+			0	A B C ^ *
D	+			0	A B C ^ * D
eos				-1	A B C ^ * D +