

Assembly Unit Async Assignment:

1. Convert the numeric into mnemonic code.
 - a. Modify the program so that it works correctly.
 - b. Include your code.

numeric	mnemonic
901	INP
399	STA 99
901	INP
199	ADD 99
399	STA 99
901	INP
modified	STA 98
modified	LDA 99
299	SUB 98
902	OUT
0	HLT

2. Create your own LMC program. Implement your program on a LMC simulator.

INP
STA 99
INP
STA 98
SUB 99
BRP 9
LDA 99
OUT
HLT
LDA 98
OUT