CSE 2130

## Daniel Delgado Acosta 5-13-22

Homework #4

(7.4)	Symbol	Address	Symbol table
	Test	×301 F	
	Save 3	x3029	er P. Robert Endant
	Save 2	X302A	The second second 2
	Finish	X3027	
	A A Leans	and and the	LAST BY AFTER INSK F SEE
(7.5)	a. ORIG	X3000; Add	resses the placement of instructions
	LD RZ, Zero ; Load Label Zero into register RZ		
	LD RO, MO; Lord MO 16to register RO, MO is a label		
	LO RI, MI i Lood Lubel MI into register RI		
	Loop BRZ Done jound to Bo Done when iresult		
	is zero and Loop until Rliszero.		
	AND 42 00 00 AND DO to R2 & Ceaster		
	ADP RI.	21 -1 /	todo - to RI Eregister
	BR LOOP	Brunch	Loop
- TO 1/2			22 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

Result , Fill x0000; Label Tero is addressed to x0000

Zero . Fill x0000; Label Tero is addressed to x0000

MO . Fill X000 4; Label MO is addressed to x0009
MI . Fill X0803; Label MI is addressed to x0803
END; End/Stops code run

The Program Calculates the Product of MO & MI b.) Result will the Value [8204].

The purpose of the .END psuedo-op is to used to stop the code run whereas ## HALT is an instruction used to stop the machine. Reso Also , END is not executable but HALT is.

