RIPHAH INTERNATIONAL UNIVERSITY

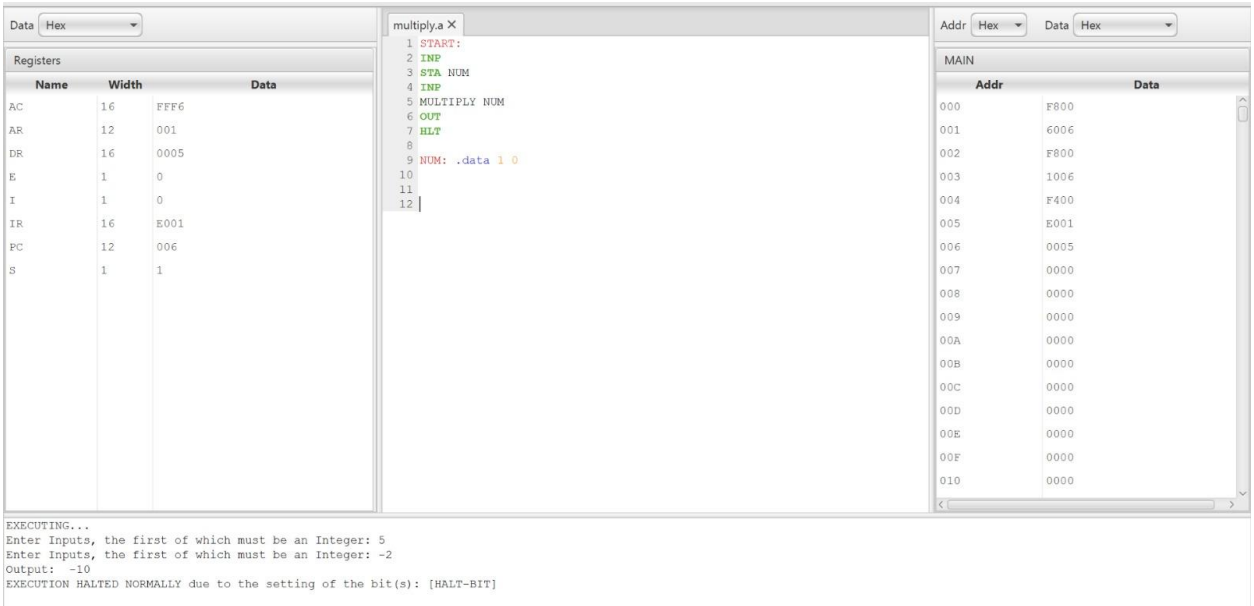
Name : Salma Rani

Sap ID : 54194

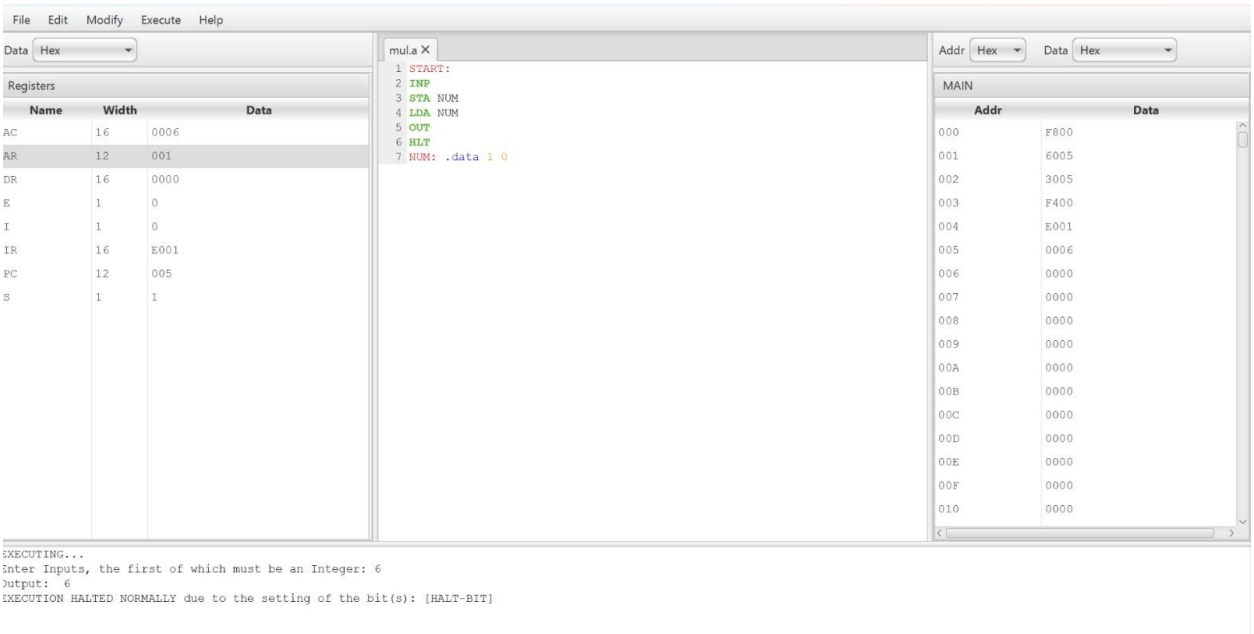
Instructor:Mam Ayesha

Lab submission:10

Class Work:



Task 1:


File Edit Modify Execute Help
Data Hex
Registers
Name Width Data
AC 16 0006
AR 12 001
DR 16 0000
E 1 0
I 1 0
IR 16 E001
PC 12 005
S 1 1
mul.a
1 START:
2 INP
3 STA NUM
4 LDA NUM
5 OUT
6 HLT
7 NUM: .data 1 0
Addr Hex Data Hex
MAIN
Addr Data
000 F800
001 6005
002 3005
003 F400
004 E001
005 0006
006 0000
007 0000
008 0000
009 0000
00A 0000
00B 0000
00C 0000
00D 0000
00E 0000
00F 0000
010 0000
EXECUTING...
Enter Inputs, the first of which must be an Integer: 6
Output: 6
EXECUTION HALTED NORMALLY due to the setting of the bit(s): [HALT-BIT]