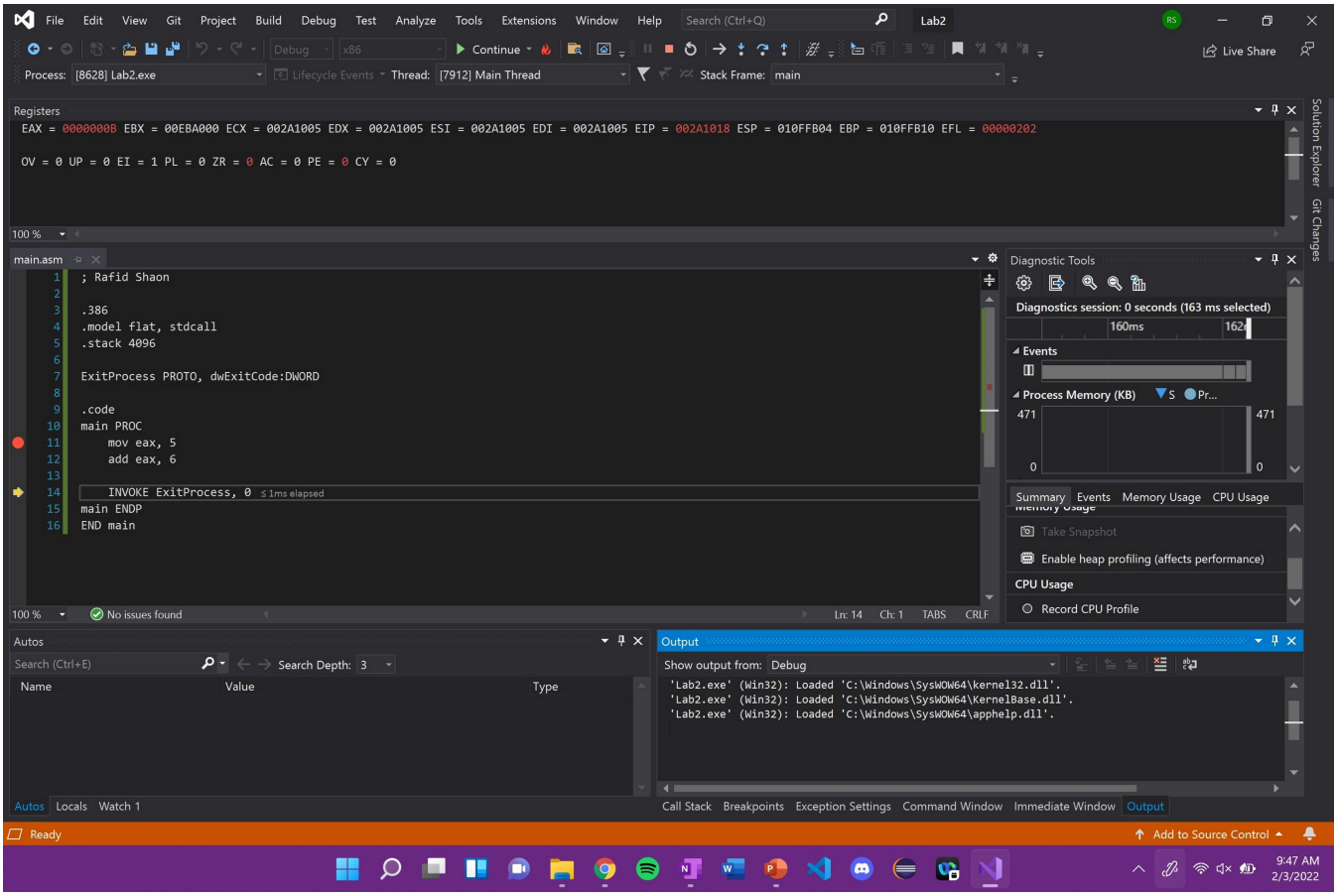
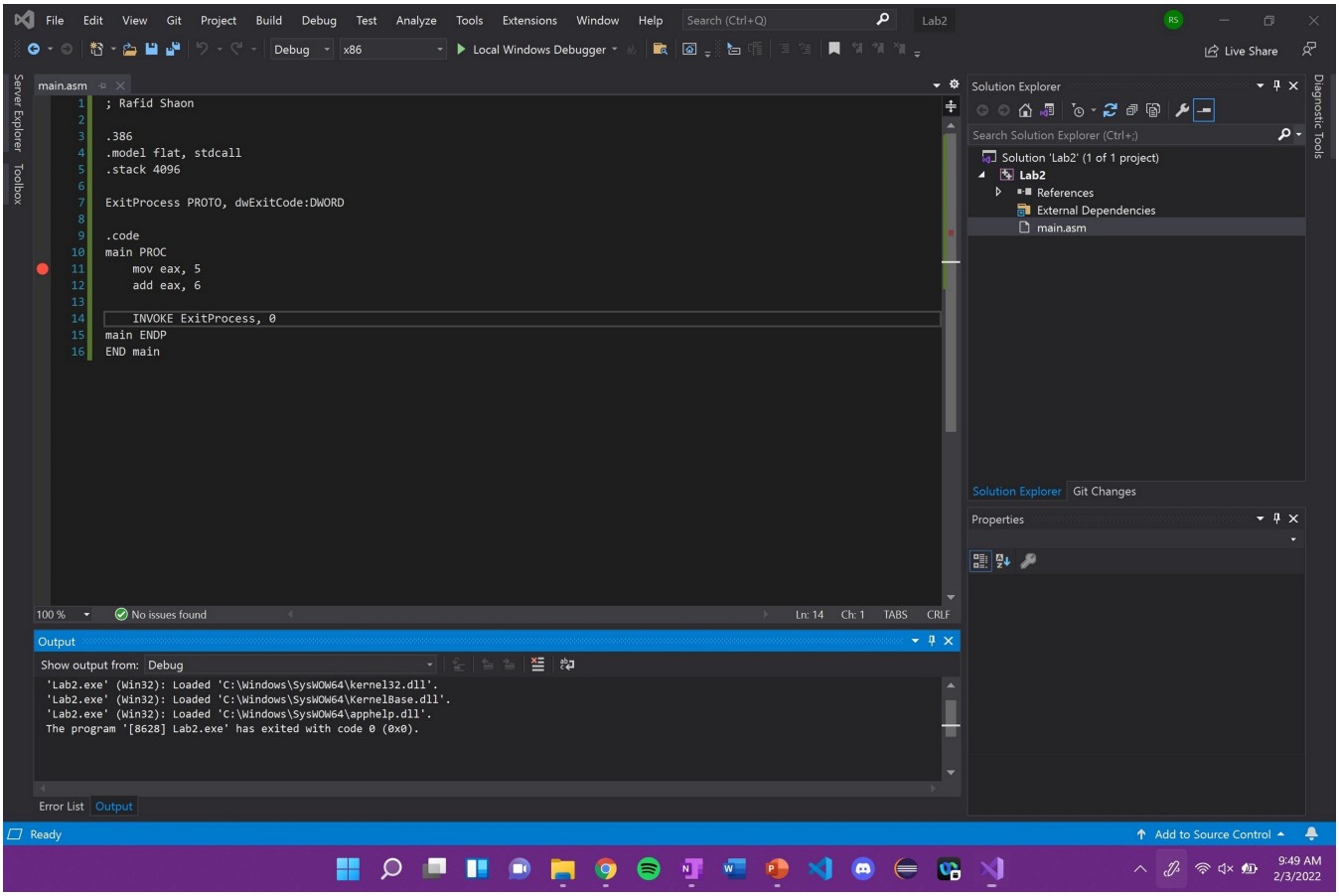
# Lab 2

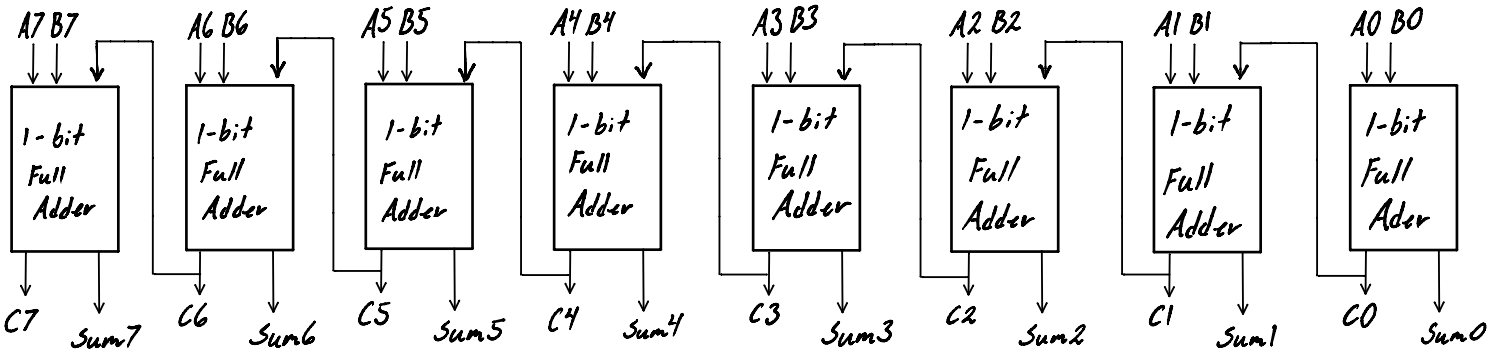
Friday, January 28, 2022 11:40 AM

Lab 2(a)

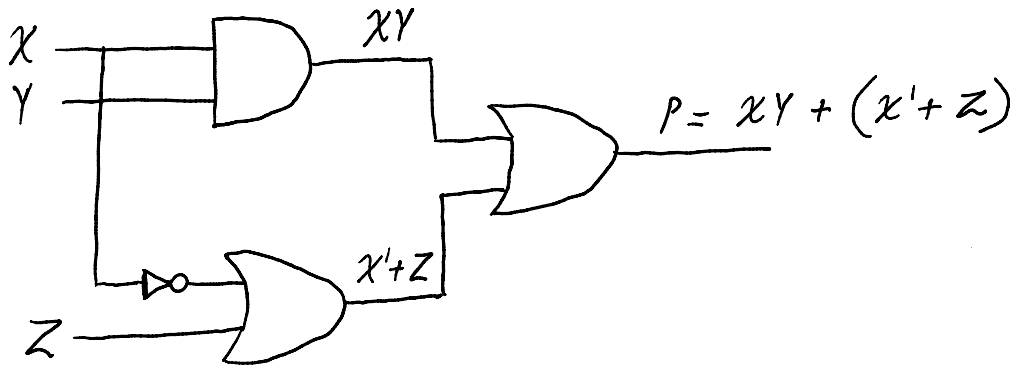





# Lab 2(b) Problem 1




# Lab 2(b) Problem 2




# Lab 2 (c)

**EAX register** stores the value up to **32 bit** long
Given value of EAX is 12784569 h
So we can see that this value is in **hexadecimal** format it's clear, thus it also contains **32** bit ( 8*4).
Now, the given number is stored as ---->
The four parts of EAX are separating using " **|** " .
So, Each part is 8 bit long and h denotes the number is in hexadecimal
12 h= 00001100 ( **Binary**)
**Ans** ----> | 12 h | 78 h | 45 h | 69 h |

| 31 | | | 0 |
|---|---|---|---|
| 12 h | 78 h | 45 h | 69 h |

**4 bytes**