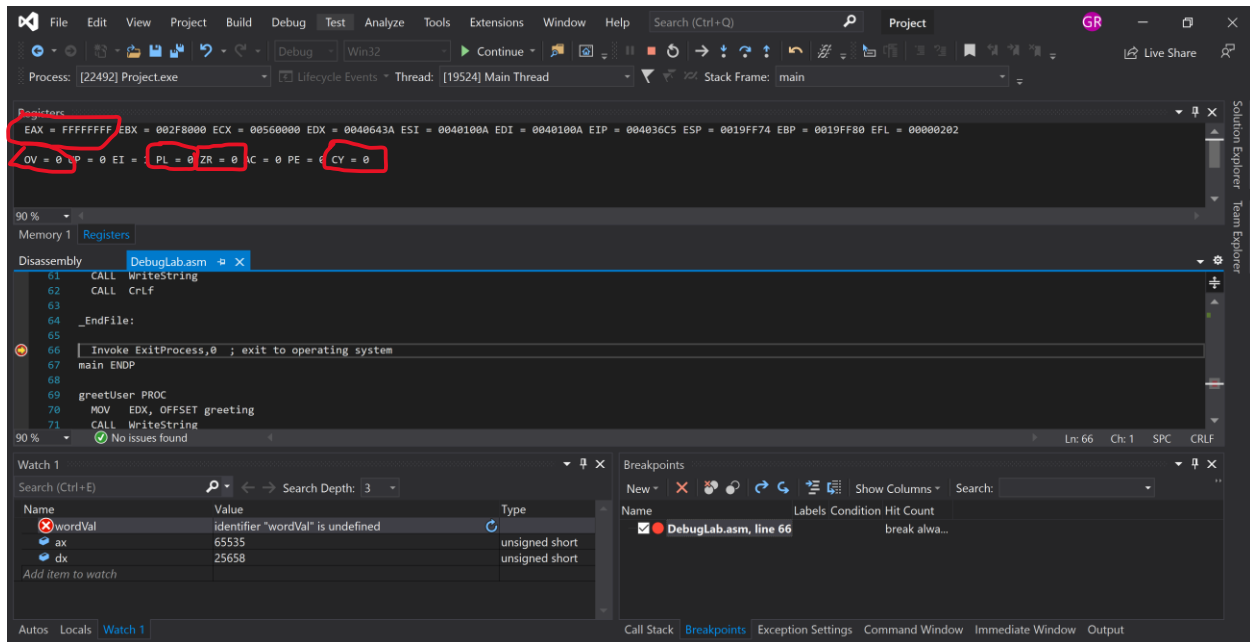Gretel Rajamoney

10/22/2020
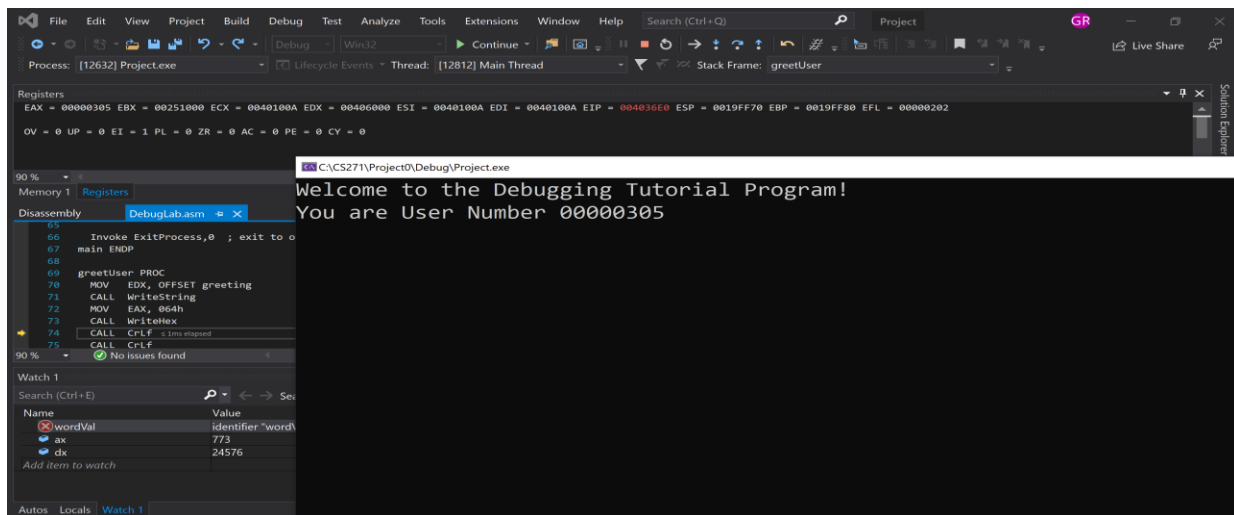
ONID ID: 933-188-305

Part 1:

1. EAX = FFFFFFFF
2. Carry = Clear, Overflow = Clear, Zero = Clear, Sign = Clear

Part 2:

Part 3:

1. 040368Ah

2. The instruction at this line of code is JNE, but the operands that this line of code is comparing is the value stored in the EAX register and the value stored in INVALID_HANDLE_VALUE.

3. The leftmost value and the EIP on any given line are always the same. This is because the EIP represents the instruction pointer, therefore the leftmost value that the arrow is pointing to will always be the same value as the instruction pointer.

Part 4:

1. After typing "&fileBuffer+306" into the address bar of the memory window, I have concluded that the 306th byte of TestText.txt is 'o'.

2.

Part 5:

1. The unsigned value of fileHandle in hexadecimal is 0x00000098.