

Part 1 Questions:

1. Current value of EAX register: FFFFFFFF
2. Current state of:
 - a. Carry (CY): Cleared
 - b. Overflow (OV): Cleared
 - c. Zero (ZR): Cleared
 - d. Sign (PL): Cleared

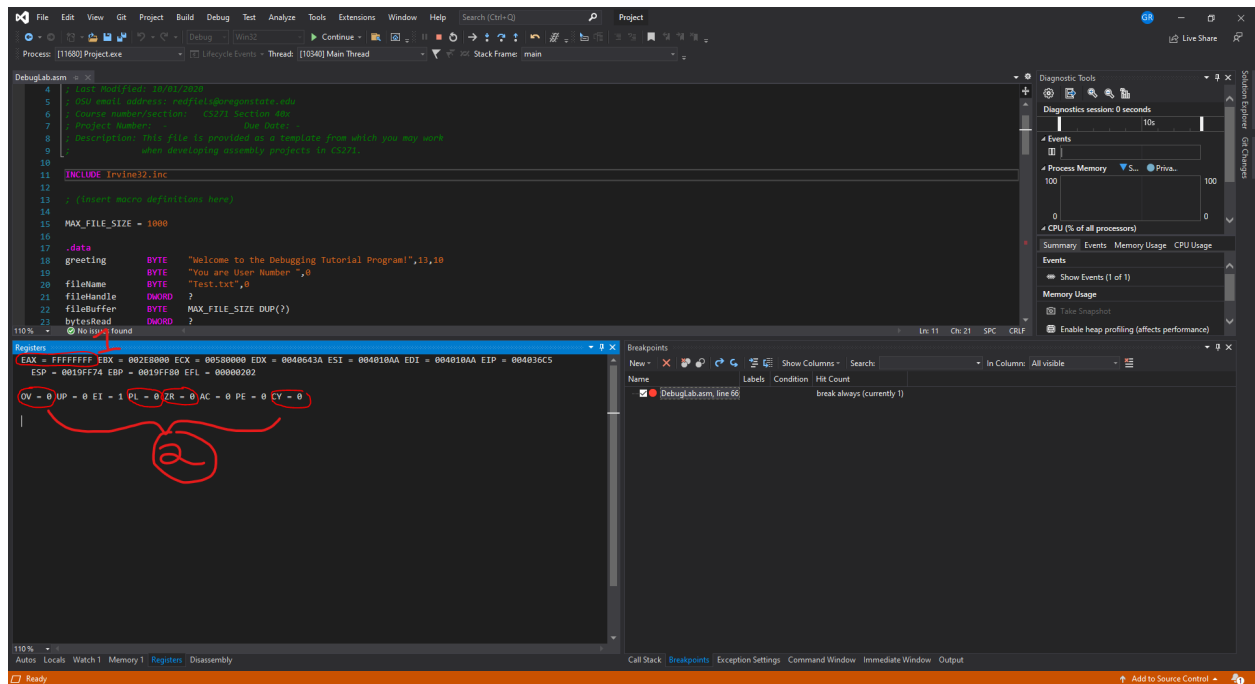


figure 1: part 1 screenshot

Part 2 Questions:

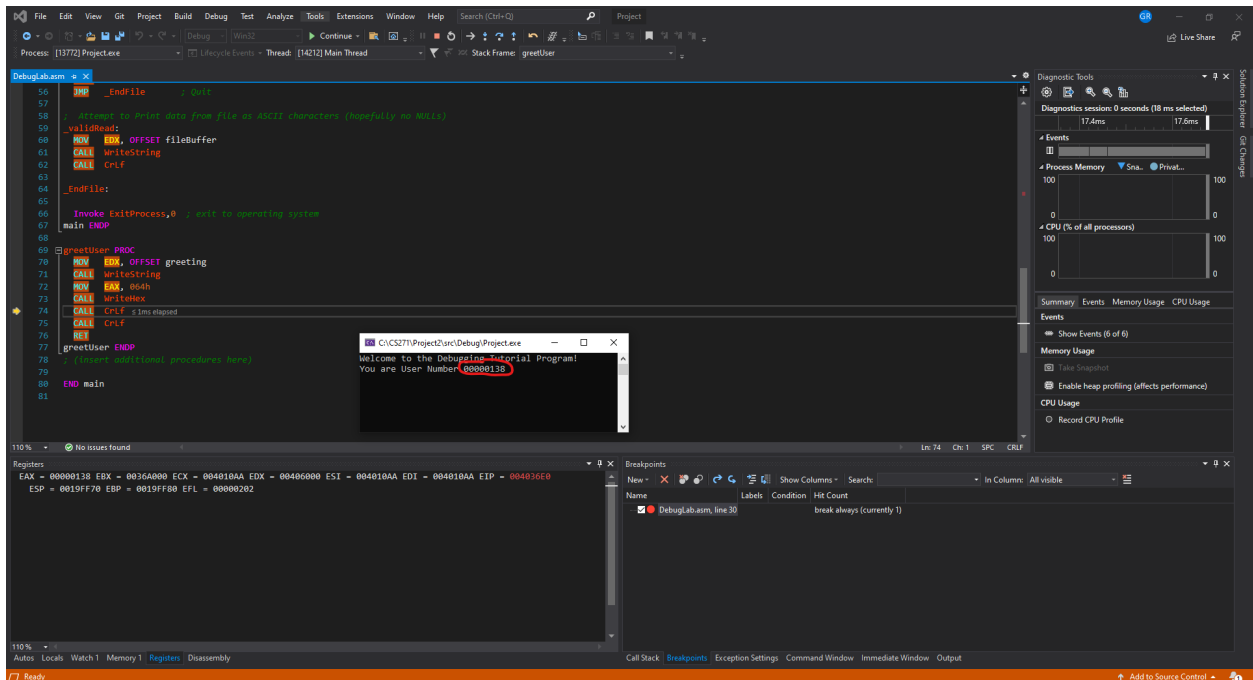


figure 2: part 2 screenshot

Part 3 Questions:

1. Memory address of the instruction located at the _validname code label: 040368Ah
2. Instruction located at _validName code label address: MOV EAX, fileHandle
3. The EIP (instruction pointer register) contains the left-most value on any given line being executed (the memory address of the instruction to be executed)

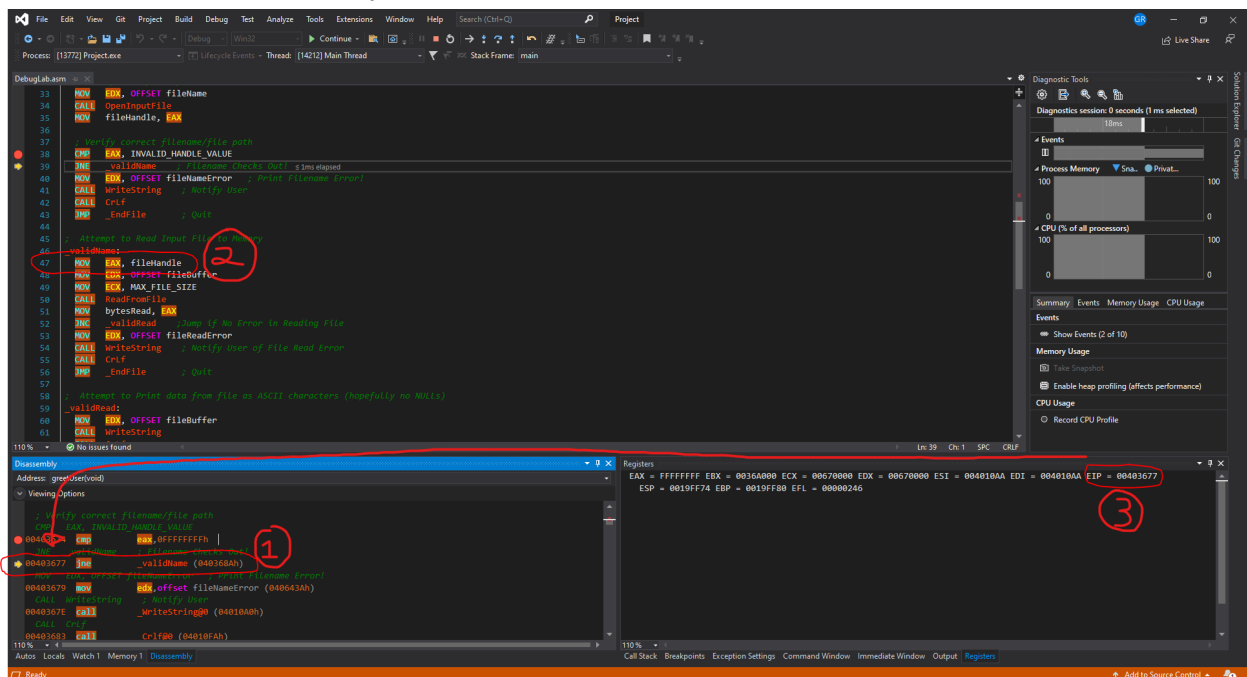


figure 3: part 3 screenshot

Part 4 Questions:

1. My last three digits: 138. The ASCII character represented at the 138th byte of the text is p. To find this I typed &fileBuffer+138 into the address window

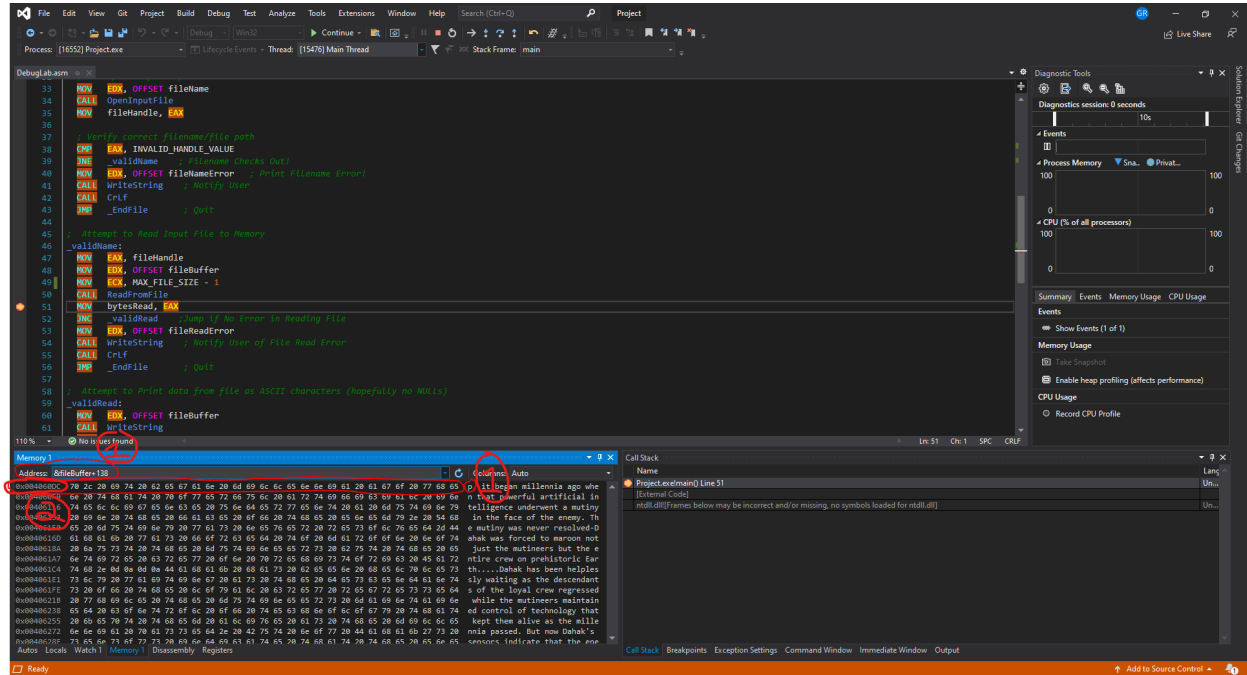


figure 4: part 4 screenshot. Address bar value marked 1 answers what was typed into the address bar to answer question 1. Circled memory address labeled 2 is what &fileBuffer138 resolves to.

Part 5 Questions:

1. The unsigned value of fileHandle: 204 (or 000000CCh)

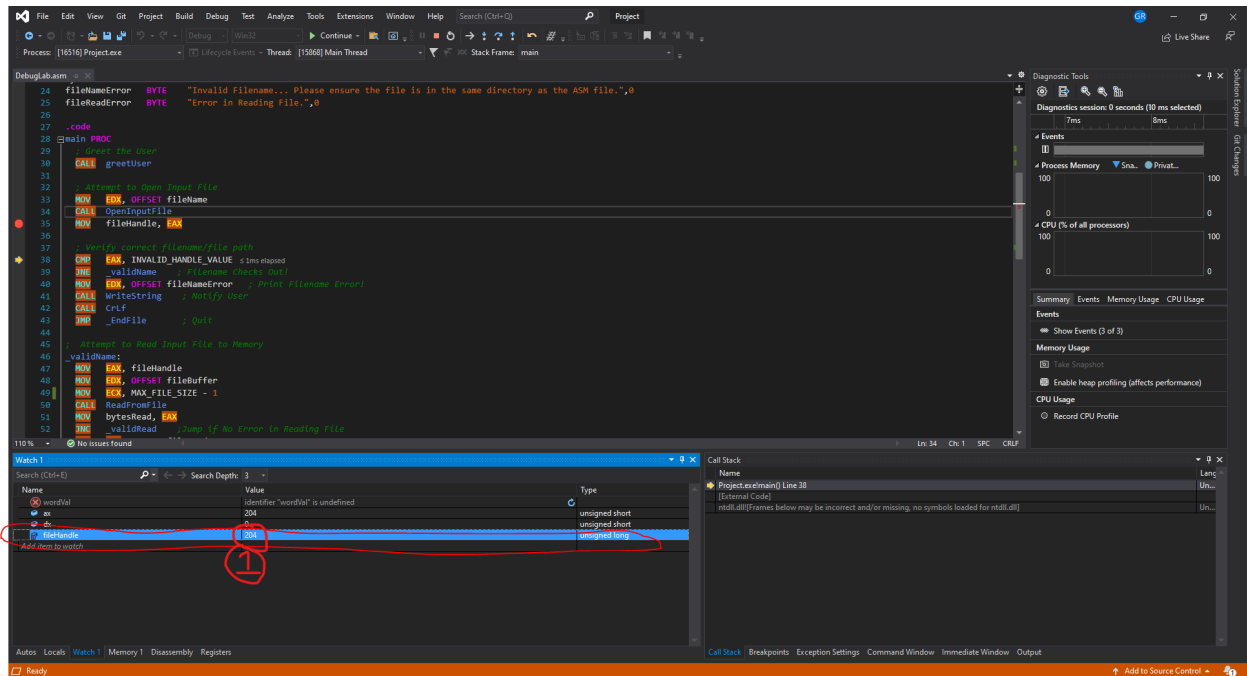


figure 5: part 5 screenshot