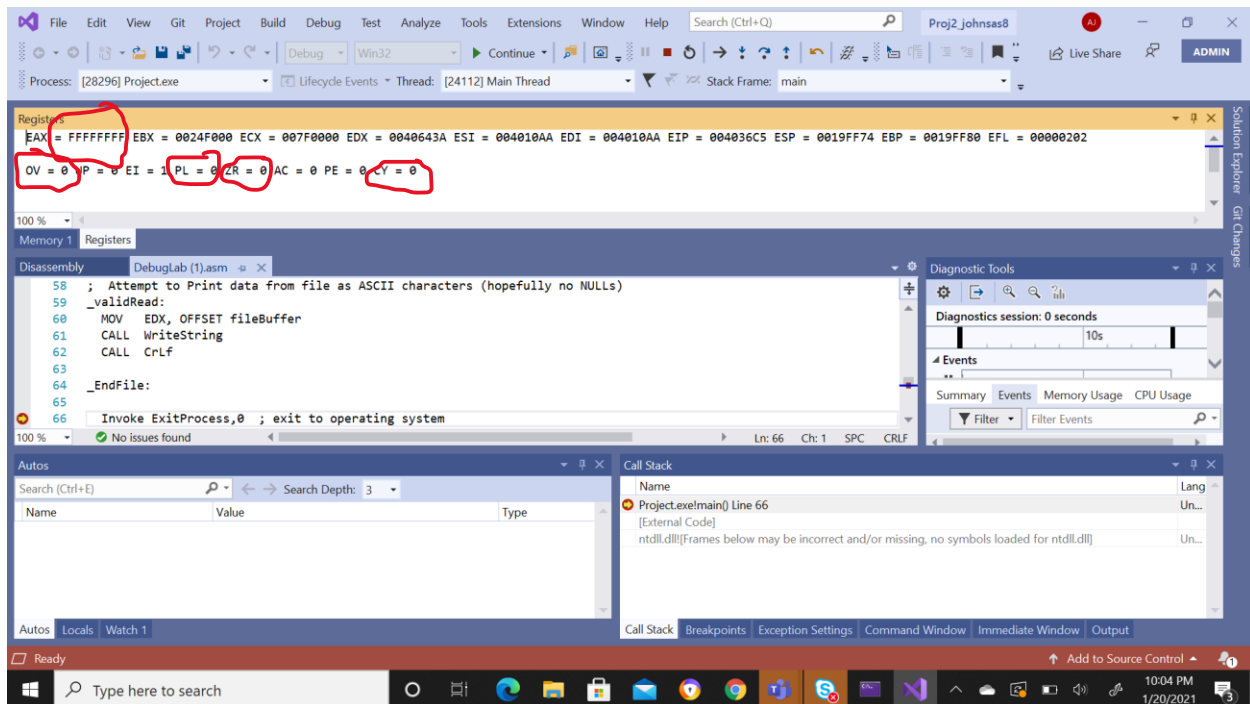Ashley Johnson

Part 1 Questions

As you answer these questions, please circle (on your screenshot) the location where you found the answers.

1. What is the current value (in Hex) of the EAX Register?
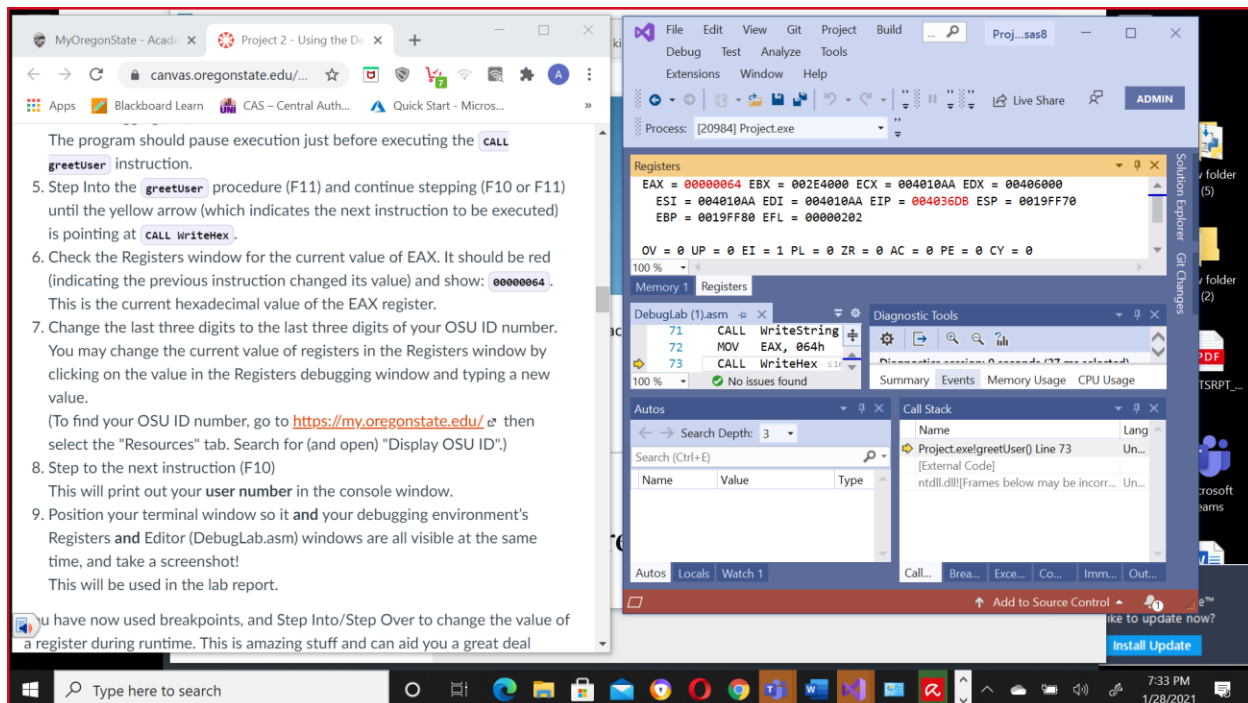
   FFFFFFFF

2. What is the current state (Set/Clear) of the following flags: Carry, Overflow, Zero, Sign?
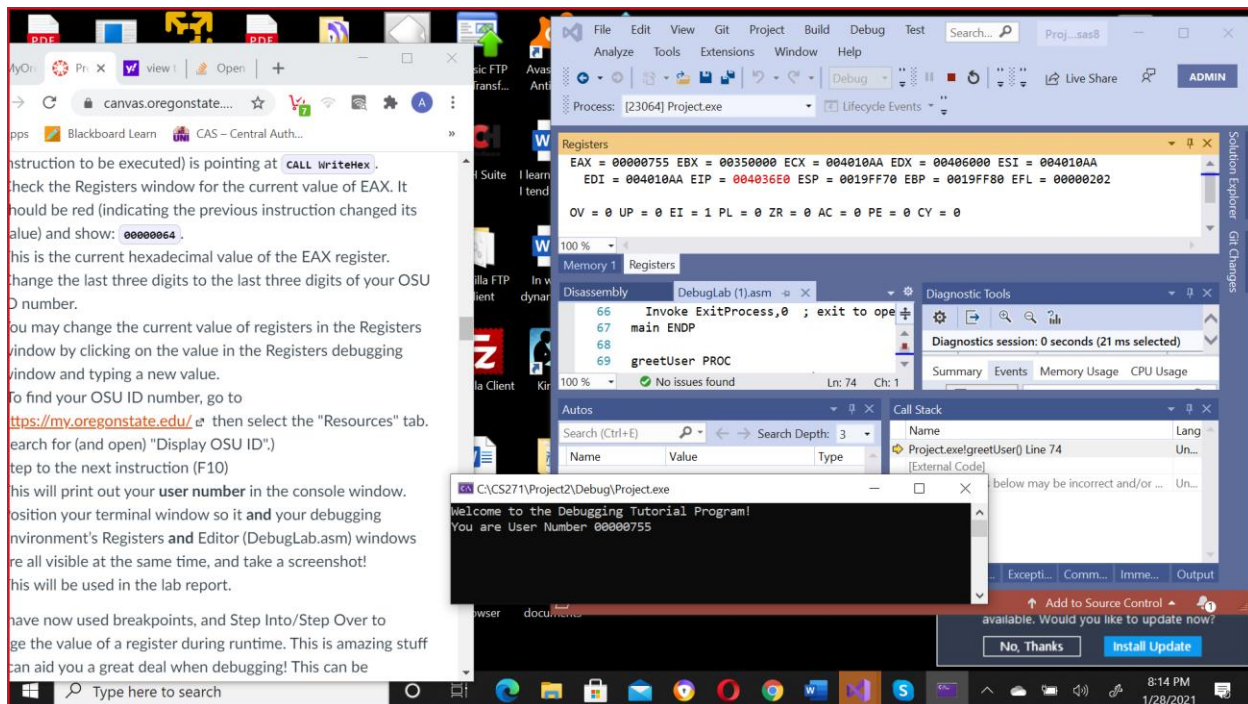
Carry flag(CY) = clear

Overflow(OV) = clear

Zero(ZR) = clear

Sign(PL) = clear

5. 00000064

Part 3 Questions

1. What is the memory address (in the code segment) of the instruction located at the `_validName` code label?

   040368Ah

2. What instruction (with operands, if any) is stored at the code segment address from Question 1 above?

040368Ah

In addition to writing the instruction (with operands, if any), please circle this line on the screenshot attached to this part in your report, including the address from Question 1.

```
MOV    EAX, fileHandle

0040368A  mov       eax,dword ptr [fileHandle (040604Ah)]
```
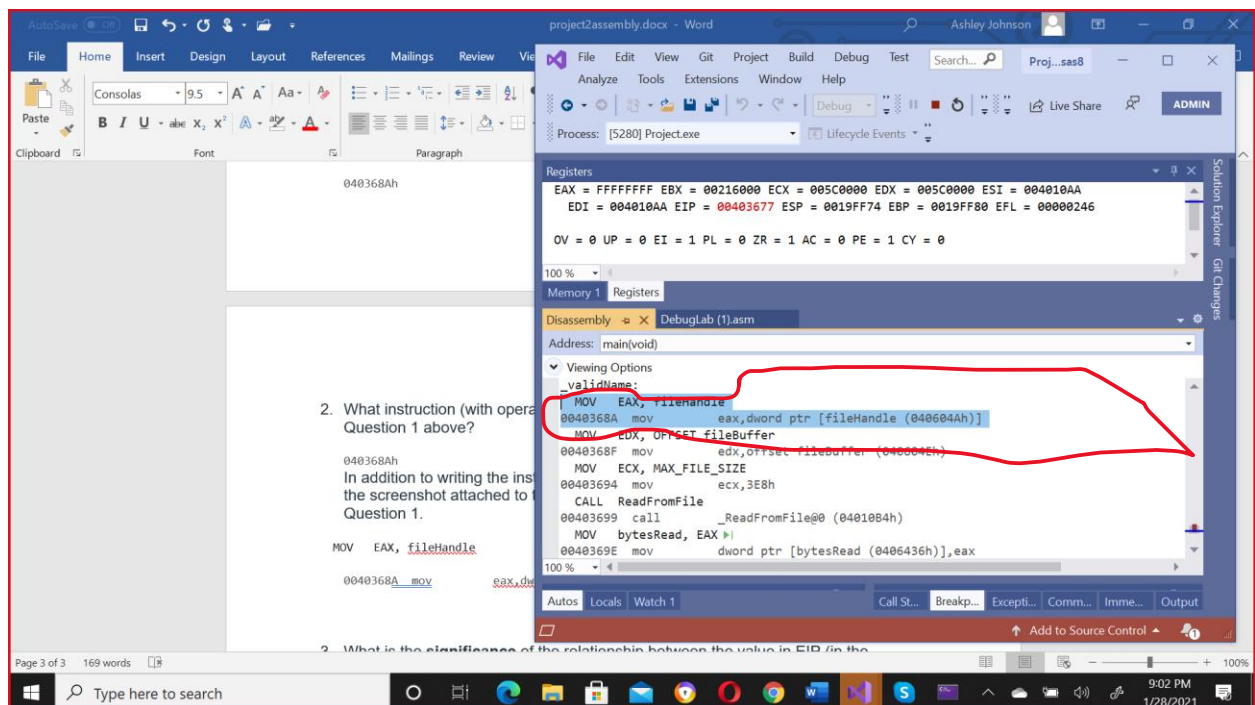

3. What is the **significance** of the relationship between the value in EIP (in the Registers window) and the leftmost value on any given line?

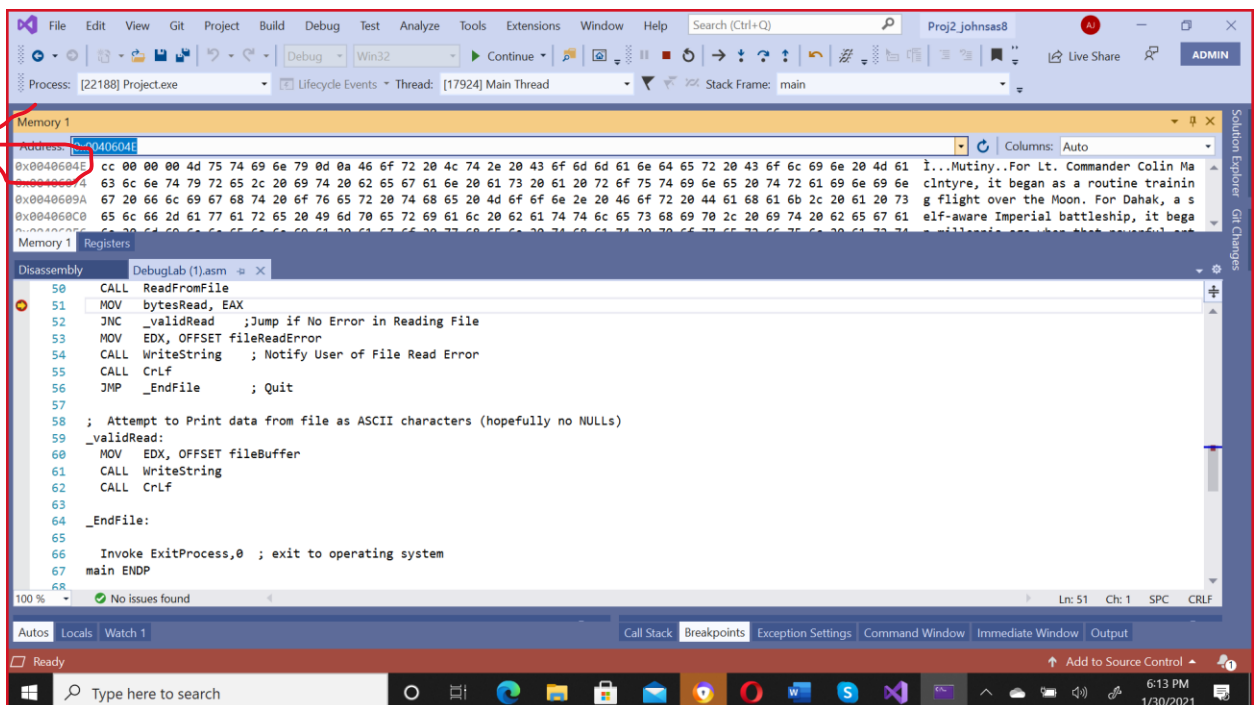 EIP is current memory address of where we are in the program.

Part 4 Questions

1. Let n = (the last three digits of your OSU ID number). What is the (n+1)st byte (index n) of `TestText.txt`, interpreted as an ASCII character? t
2. Remember to take a screenshot of the Memory window used to collect this information for inclusion in the lab report. Please circle the value in the address bar and the character in the ASCII portion of the Memory debug window.
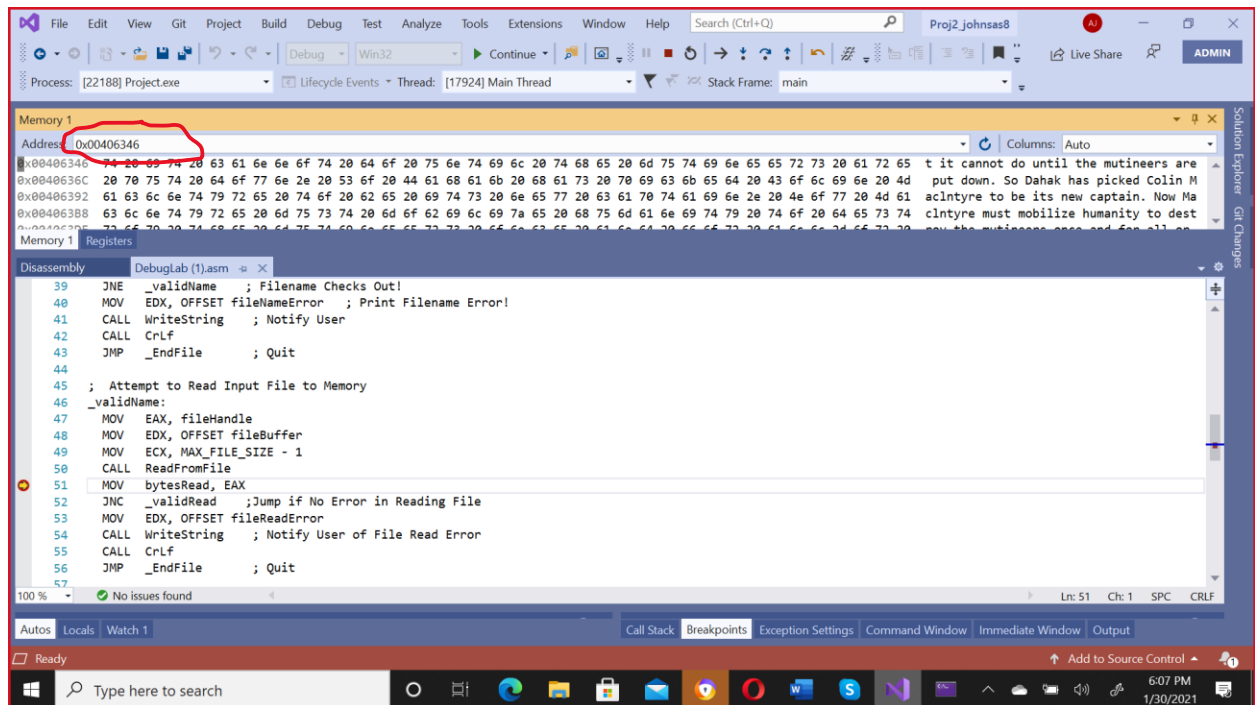
Part 5 Questions

1.What is the unsigned value of `fileHandle` after opening the TestText.txt file? Remember to include a screenshot that shows where you obtained this information, and please circle the value of `fileHandle` on this screenshot.

0040604E

4218958