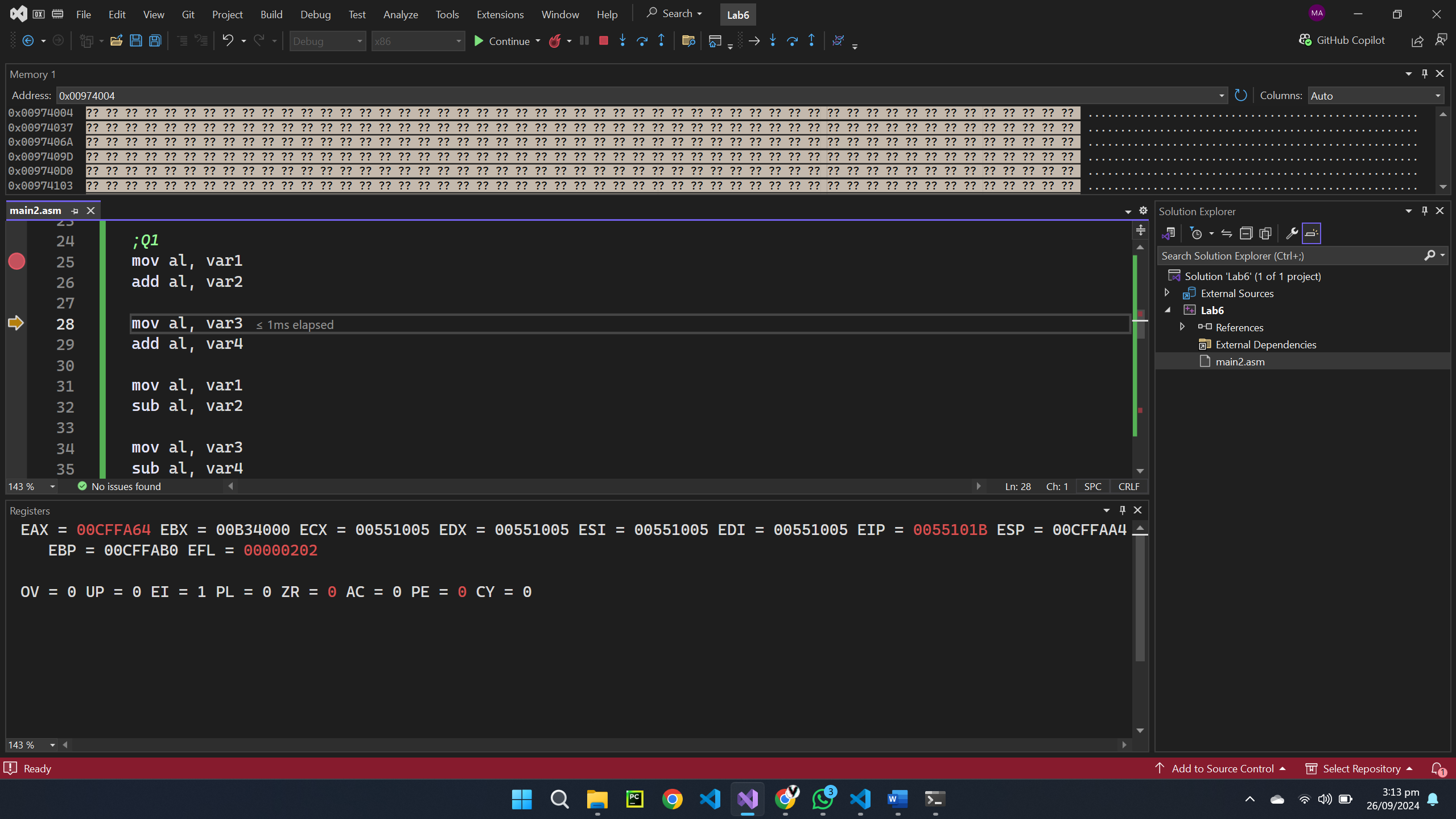
**I230549**

**LAB 6**

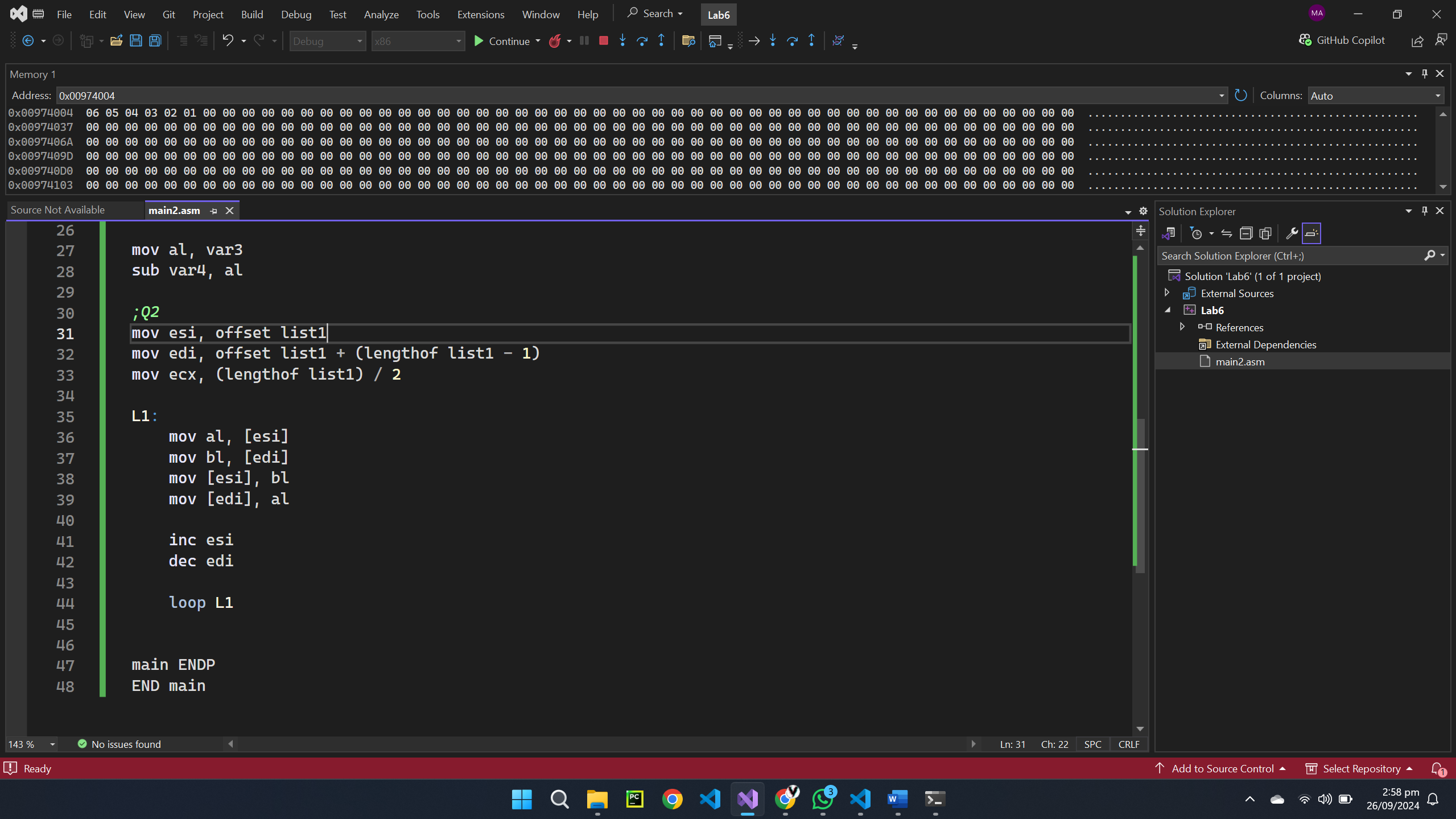
Q1) A screenshot of a computer

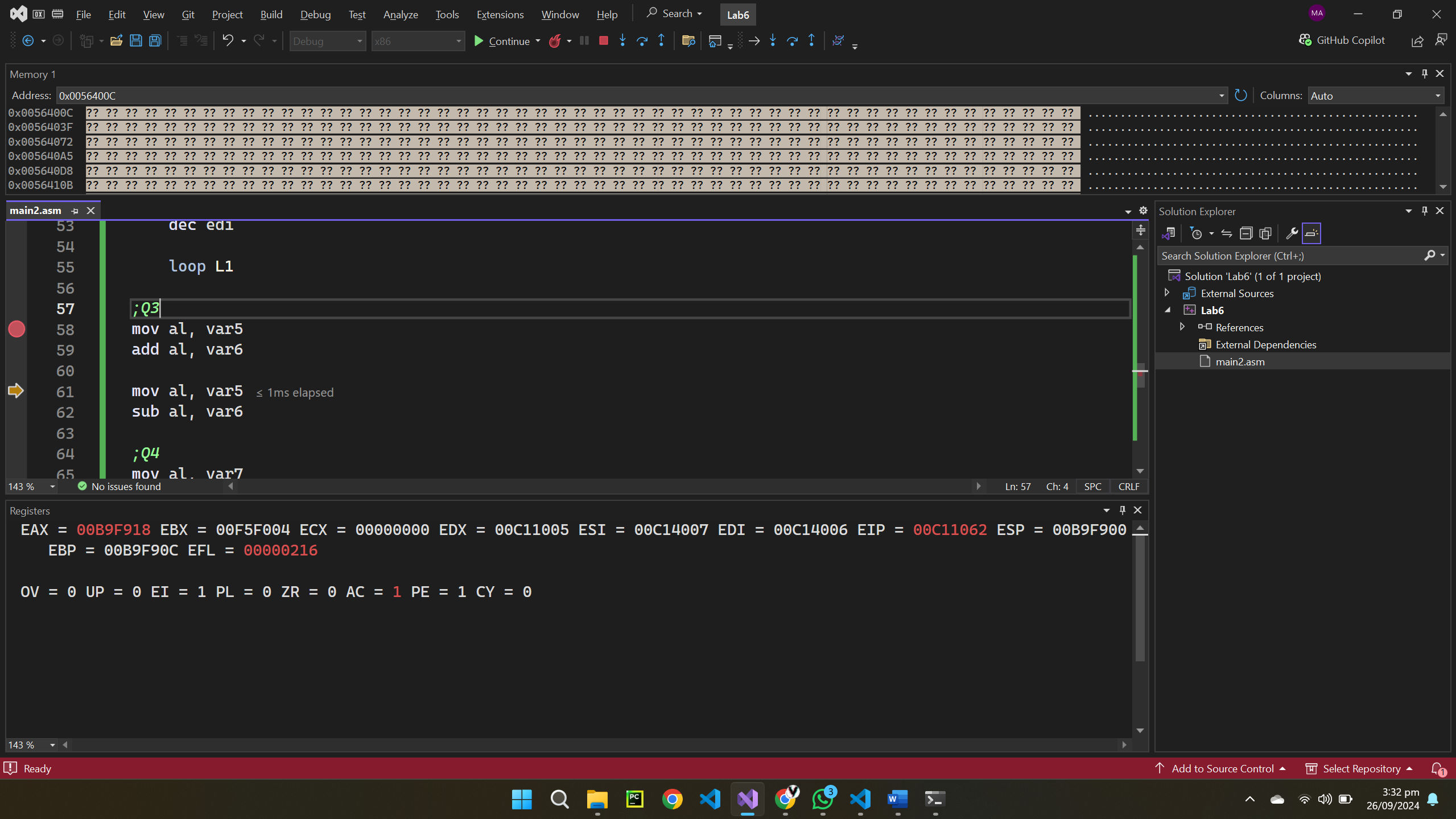
Description automatically generatedA screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Q2) 

Q3) 

Auxilariary flag: Set because the first nibble generated a carryA screenshot of a computer

Description automatically generated

Sign flag: Set because a larger number is subtracted from a smaller one

Parity flag: reset as the subtracted number has an odd number of 1’s

Carry flag: The subtraction generated a carry

Q4) A screenshot of a computer

Description automatically generated

Sign flag: MSB is 0

Auxiliary flag: Reset as there was no carry from the first nibble

Parity flag: The result has an even number of 1’s

A screenshot of a computer

Description automatically generated

Parity Flag: The result has an odd number of 1’sA screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated

Q5) A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated