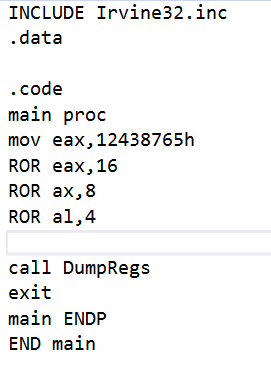
**LAB 8**

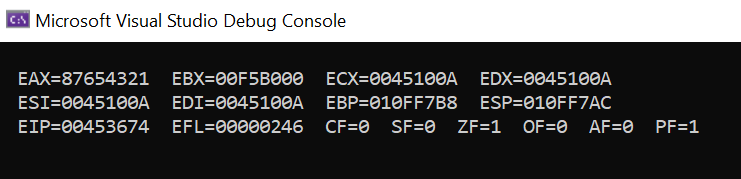
Q1) Write an assembly code to convert the number 12438765h to 87654321h

**Program:**

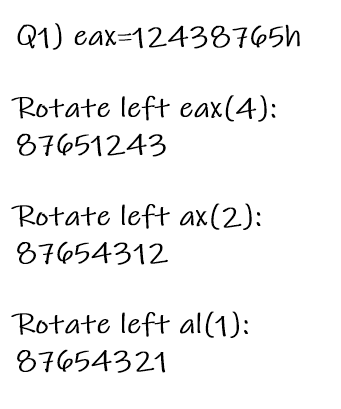


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**Output:**



**Handwork:**



Q2) Write a program that shifts multiple bytes

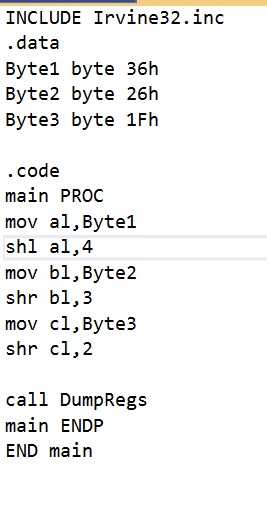
.data

Byte1 byte 36h

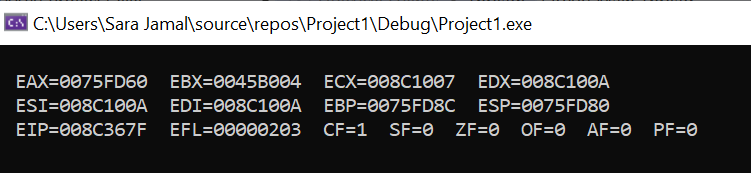
Byte2 byte 26h

Byte3 byte 1Fh

**Program:**

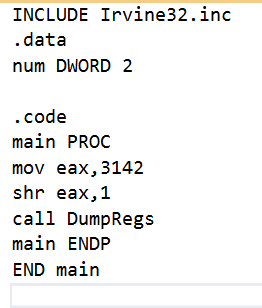
****

**Output:**

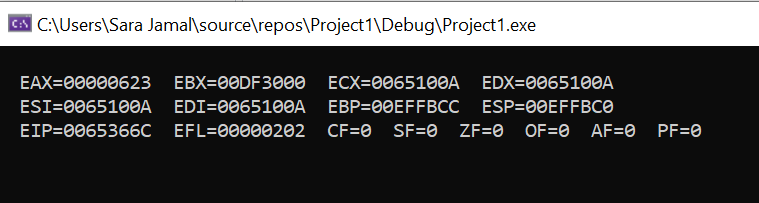
****

Q3) Write instructions to do divide 3142 and put the quotient in AX.

**Program:**

****

**Output:**

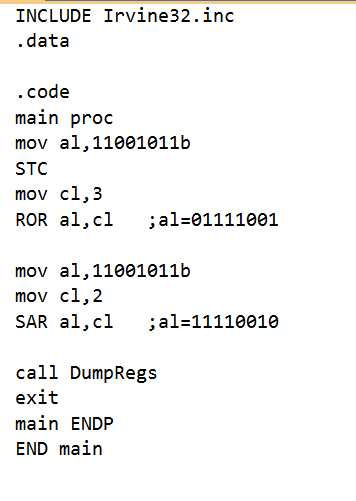
****

Q4) Suppose AL=11001011b and CF=1, give the new contents of AL

 ROR AL,CL ; CL=3

 SAR AL,CL; CL=2

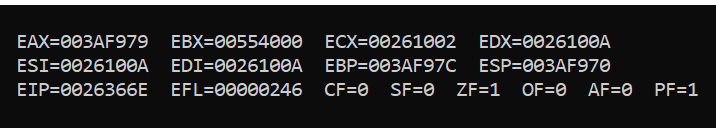
**Program:**



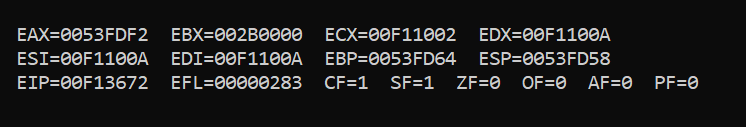
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**Output:**

**After ROR:**



**After SAR:**



**Handwork:**

