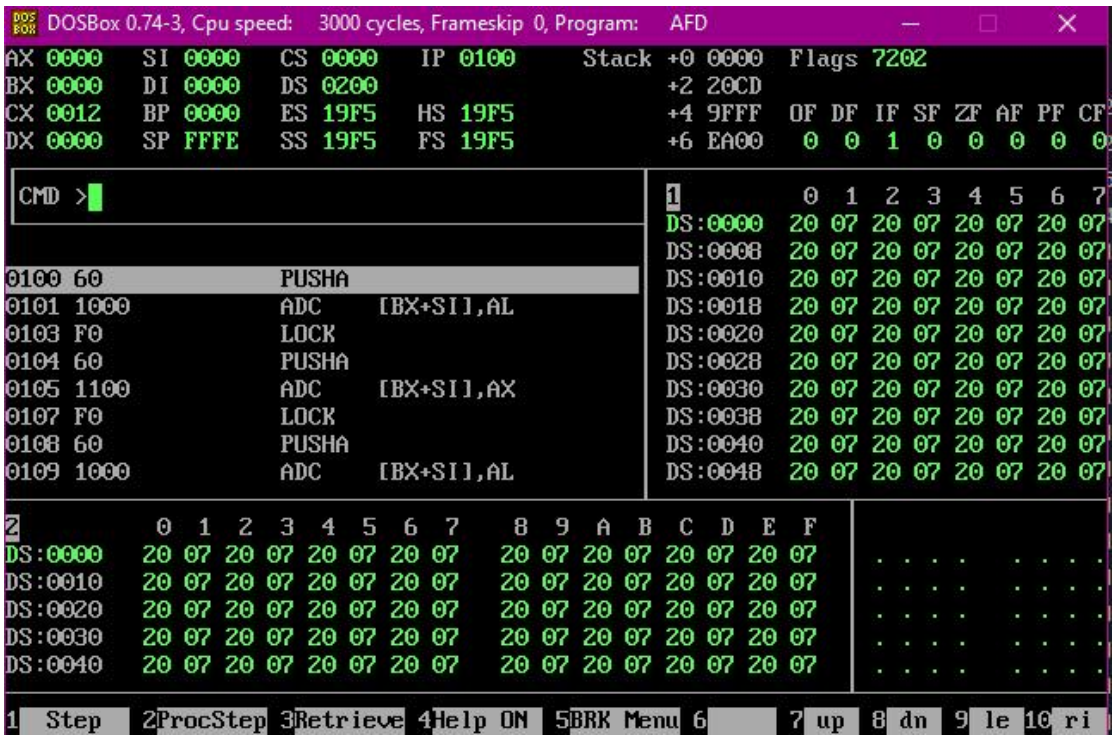
COAL TASK
LAB NUMBER:04

BASIC IDEA:

SO WE NEED TO JUMP ONE MEMORY TO ANOTHER USING ARTHEMATIC OPERATOR SO WE CAN BE AT SAME POINT YA KNOW FOR BOTH REGISTER.

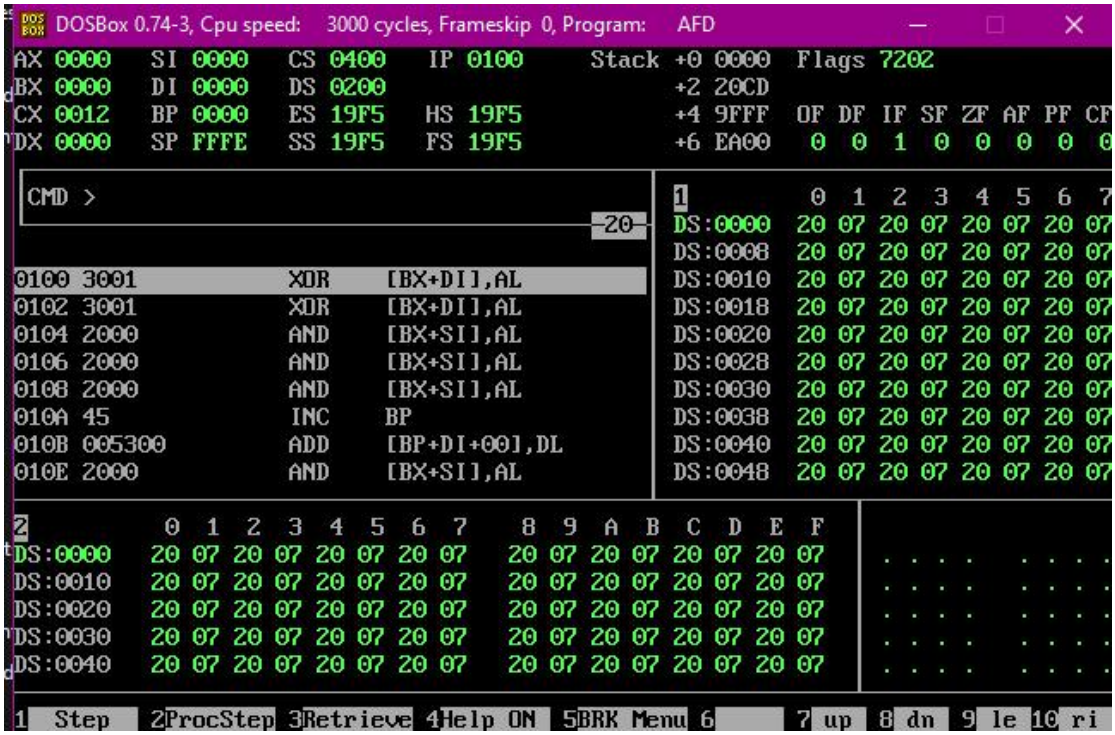
PART NUMBER :1

WE FIRST HAVE ONE REGISTER WITH 0000 ADDRESS AND OTHER 0200.

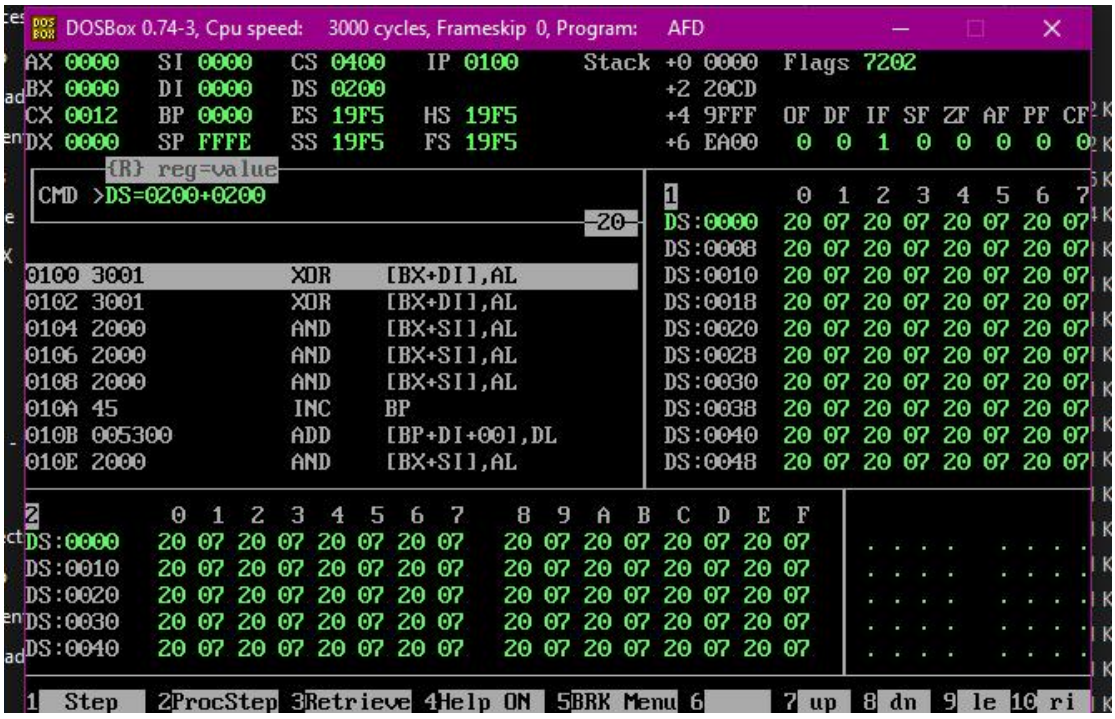


PART NUMBER : 2

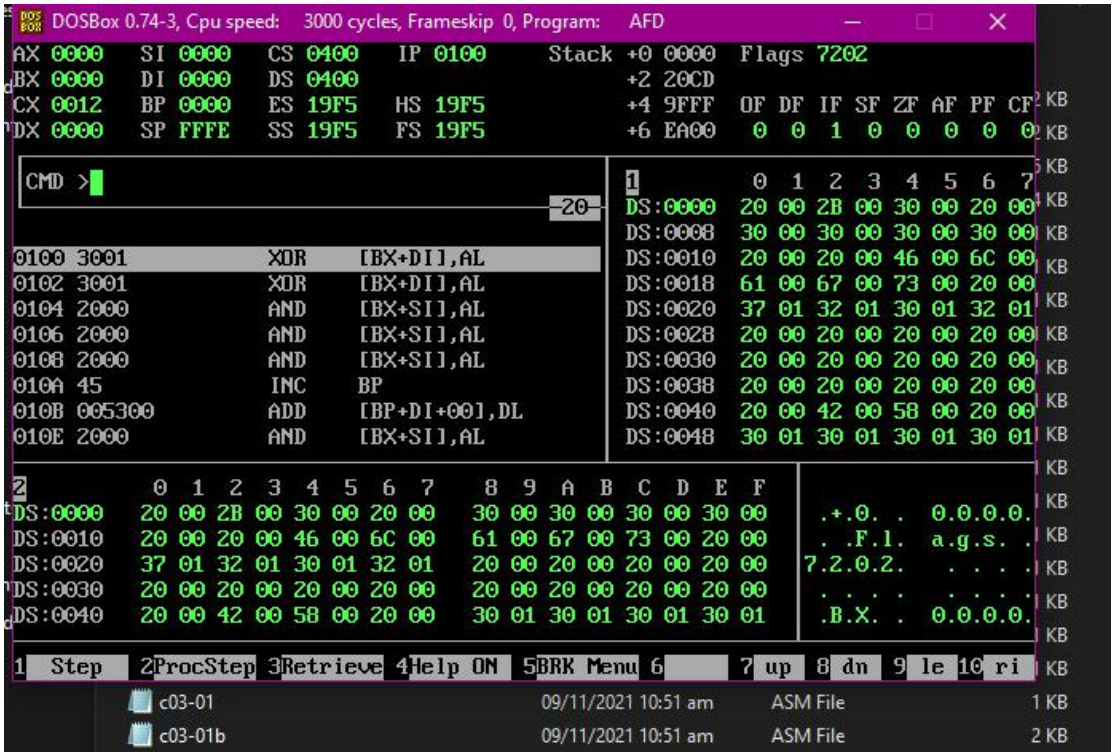
NOW WE JUST ADD 400 WITH ONE.



PART NUMBER : 3
AT STEP 3 ADD 200 WITH OTHER.



PART NUMBER : 4
NOW WE CAN SEE BOTH ARE AT SAME ADDRESS.


DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Program: AFD
AX 0000 SI 0000 CS 0400 IP 0100 Stack +0 0000 Flags 7202
BX 0000 DI 0000 DS 0400 +2 20CD
CX 0012 BP 0000 ES 19F5 HS 19F5 +4 9FFF OF DF IF SF ZF AF PF CF
DX 0000 SP FFFE SS 19F5 FS 19F5 +6 EA00 0 0 1 0 0 0 0 0
CMD >
0100 3001 XOR [BX+DI],AL
0102 3001 XOR [BX+DI],AL
0104 2000 AND [BX+SI],AL
0106 2000 AND [BX+SI],AL
0108 2000 AND [BX+SI],AL
010A 45 INC BP
010B 005300 ADD [BP+DI+00],DL
010E 2000 AND [BX+SI],AL
DS:0000 20 00 2B 00 30 00 20 00
DS:0008 30 00 30 00 30 00 30 00
DS:0010 20 00 20 00 46 00 6C 00
DS:0018 61 00 67 00 73 00 20 00
DS:0020 37 01 32 01 30 01 32 01
DS:0028 20 00 20 00 20 00 20 00
DS:0030 20 00 20 00 20 00 20 00
DS:0038 20 00 20 00 20 00 20 00
DS:0040 20 00 42 00 58 00 20 00
DS:0048 30 01 30 01 30 01 30 01
DS:0000 20 00 2B 00 30 00 20 00 30 00 30 00 30 00 30 00 .+.0. . 0.0.0.0.
DS:0010 20 00 20 00 46 00 6C 00 61 00 67 00 73 00 20 00 . .F.l. a.g.s. .
DS:0020 37 01 32 01 30 01 32 01 20 00 20 00 20 00 20 00 7.2.0.2. . . . .
DS:0030 20 00 20 00 20 00 20 00 20 00 20 00 20 00 20 00 . . . .
DS:0040 20 00 42 00 58 00 20 00 30 01 30 01 30 01 30 01 .B.X. . 0.0.0.0.
1 Step 2ProcStep 3Retrieve 4Help ON 5BRK Menu 6 7 up 8 dn 9 le 10 ri
c03-01 09/11/2021 10:51 am ASM File 1 KB
c03-01b 09/11/2021 10:51 am ASM File 2 KB