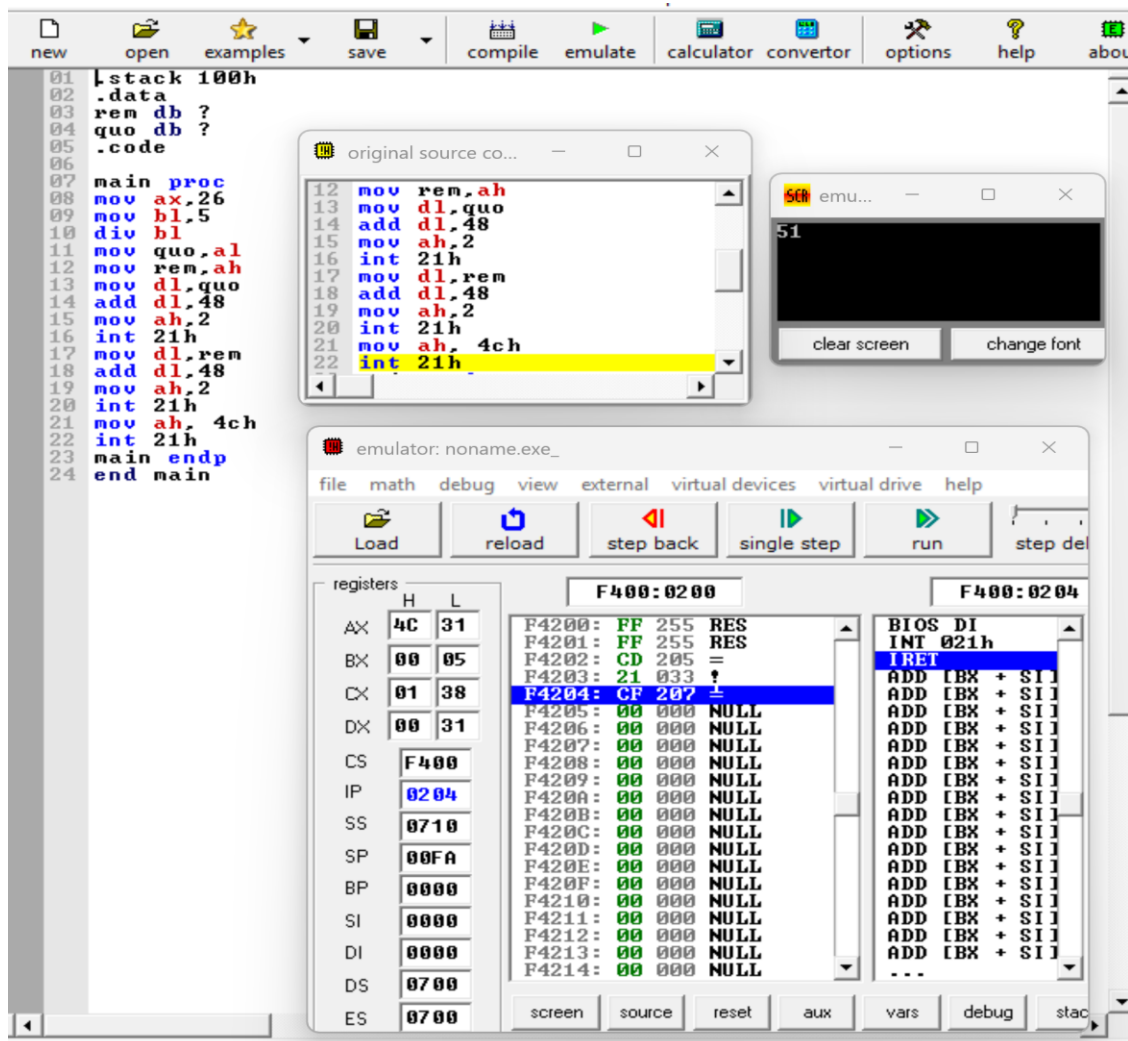


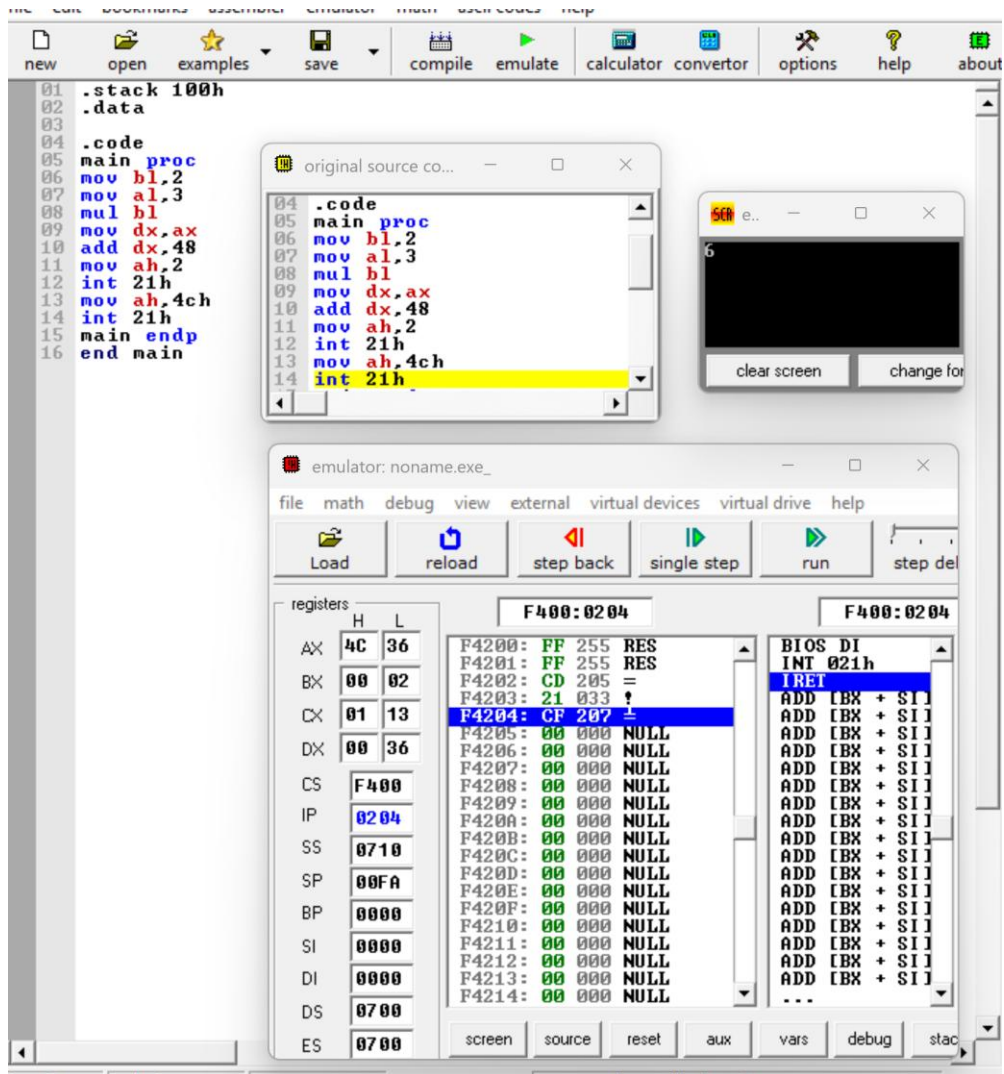
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SUBJECT: COAL

### LAB11-TASK: 1, 2, 3:





file edit bookmarks assembler emulator math ascii codes help

new open examples save compile emulate calculator convertor options help about

```

01 .stack 100h
02 .data
03 msg1 db 10,13, "vowels character .... $"
04 msg2 db 10,13, "Constant character .... $"
05 .code
06 main proc
07 mov ax,@data
08 mov ds,ax
09 mov ah,1
10 int 21h
11 cmp al,'A'
12 je 11
13 cmp al,'a'
14 je 11
15 cmp al,'E'
16 je 11
17 cmp al,'e'
18 je 11
19 cmp al,'I'
20 je 11
21 cmp al,'i'
22 je 11
23 cmp al,'O'
24 je 11
25 cmp al,'o'
26 je 11
27 cmp al,'U'
28 je 11
29 cmp al,'u'
30 je 11
31 mov ah,9
32 int 21h
33 jmp exit
34
35 11:
36 mov dx,offset msg1
37
38 mov ah,9
39 int 21h
40 exit:
41 mov ah,4ch
42 int 21h
43 main endp
44 end main
45
46 mov dx,offset msg2

```

original source co...

```

32 int 21h
33 jmp exit
34
35 11:
36 mov dx,offset msg1
37
38 mov ah,9
39 int 21h
40 exit:
41 mov ah,4ch
42 int 21h

```

em...

vowels character ....

clear screen change font

virtual devices virtual drive help

back single step run step d

	H	L
AX	4C	24
BX	00	00
CX	01	82
DX	00	00
CS	F400	
IP	0204	
SS	0710	
SP	00FA	
BP	0000	
SI	0000	
DI	0000	
DS	0720	
ES	0700	

F4200:	FF	255	RES
F4201:	FF	255	RES
F4202:	CD	205	=
F4203:	21	033	!
F4204:	CF	207	±
F4205:	00	000	NULL
F4206:	00	000	NULL
F4207:	00	000	NULL
F4208:	00	000	NULL
F4209:	00	000	NULL
F420A:	00	000	NULL
F420B:	00	000	NULL
F420C:	00	000	NULL
F420D:	00	000	NULL
F420E:	00	000	NULL
F420F:	00	000	NULL
F4210:	00	000	NULL
F4211:	00	000	NULL
F4212:	00	000	NULL
F4213:	00	000	NULL
F4214:	00	000	NULL

BIOS DI	
INT 021h	
IRET	
ADD [BX + SI]	
ADD [BX + SI]	
ADD [BX + SI]	
ADD [BX + SI]	
ADD [BX + SI]	
ADD [BX + SI]	
ADD [BX + SI]	
ADD [BX + SI]	
ADD [BX + SI]	
ADD [BX + SI]	
ADD [BX + SI]	
ADD [BX + SI]	
ADD [BX + SI]	
ADD [BX + SI]	
ADD [BX + SI]	
...	

screen source reset aux vars debug st