

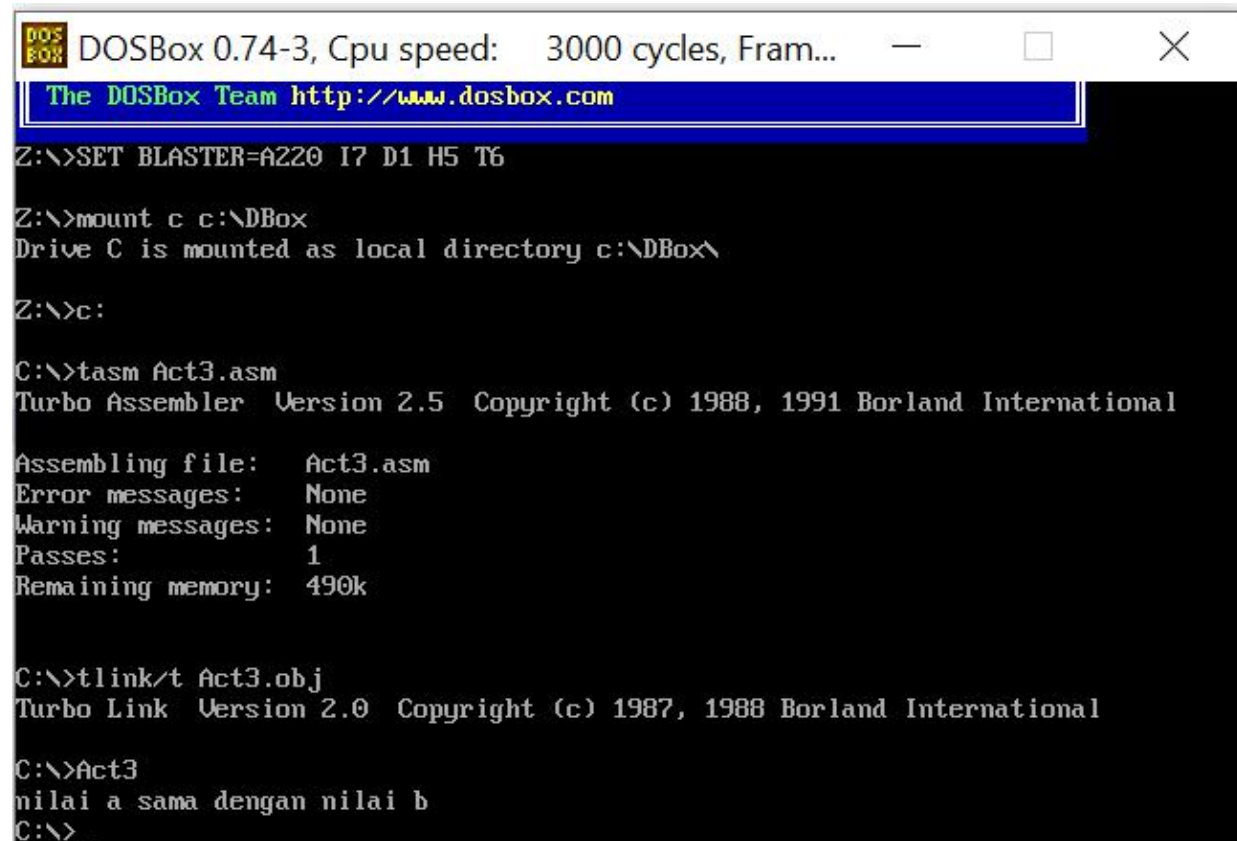
ACTIVITY

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TANGGAL : 28 Oktober 2021
MATERI : Addressing
PERTEMUAN : ke - 3
MATA PRAKTIKUM : Organisasi Sistem Komputer



```
C:\Tasm\act3.asm - Notepad++
Berkas Edit Cari Tampilan Encode Bahasa Pengaturan Alat Makro Jalankan Plugin Jendela ?
[Icons]
act3.cob [new 2] [xxx.html] [3a.html] [new 14] [new 15] [tes.asm] [act3.asm]
1 .MODEL SMALL
2 .CODE
3 ORG 100h
4
5 mulai: jmp proses
6 nilA db 55
7 nilB db 55
8
9 kat0 db 'nilai a lebih kecil dari nilai b.$'
10 kat1 db 'nilai a sama dengan nilai b.$'
11 kat2 db 'nilai a lebih besar dari nilai b.$'
12
13 proses:
14     mov al, nilA
15     cmp al, nilB
16     JB Akecil; bil.A < bil.B
17     JE sama; bil.A = bil.B
18     JA Abesar; bil.A > bil.B
19
20 Akecil:
21     lea dx, kat0
22     jmp cetak
23
24 sama:
25     lea dx, kat1
26     jmp cetak
27
28 Abesar:
29     lea dx, kat2
30     jmp cetak
31
32 cetak:
33     mov ah, 09h
34     int 21h
35     int 20h
36
37 end mulai
```

OUTPUT PROGRAM



The screenshot shows a DOSBox window titled "DOSBox 0.74-3, Cpu speed: 3000 cycles, Fram...". The window has a blue title bar with the DOSBox logo and text. The main area is black with white text. The text shows the following commands and output:

```
Z:\>SET BLASTER=A220 I7 D1 H5 T6

Z:\>mount c c:\DBox
Drive C is mounted as local directory c:\DBox\

Z:\>c:

C:\>tasm Act3.asm
Turbo Assembler Version 2.5 Copyright (c) 1988, 1991 Borland International

Assembling file:   Act3.asm
Error messages:    None
Warning messages:  None
Passes:            1
Remaining memory:  490k

C:\>tlink/t Act3.obj
Turbo Link Version 2.0 Copyright (c) 1987, 1988 Borland International

C:\>Act3
nilai a sama dengan nilai b
C:\>
```