

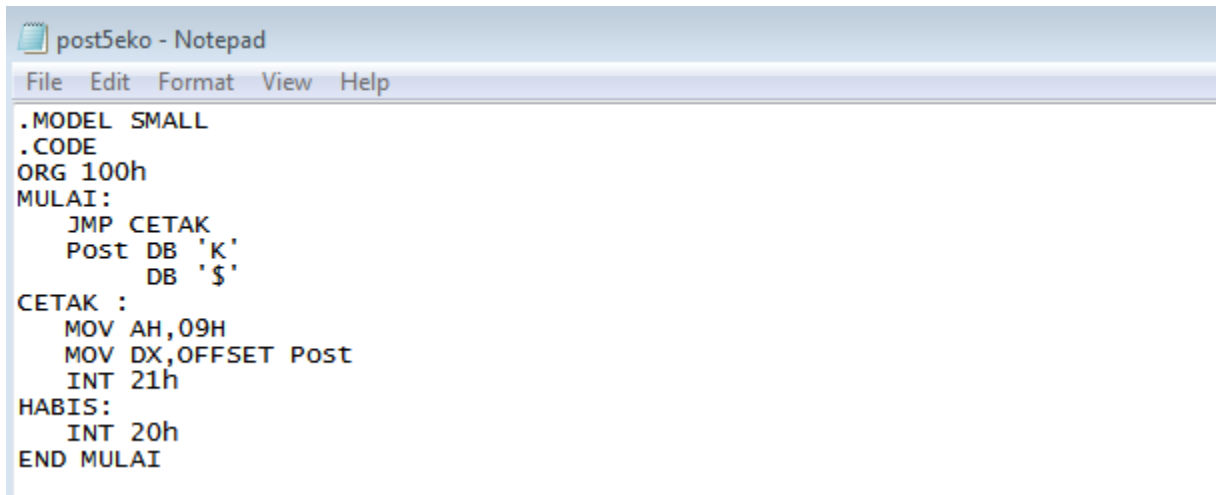
LAPORAN PRAKTIKUM
DASAR SISTEM KOMPUTER



DISUSUN OLEH:
EKO RACHMAT SATRIYO (2100018142)
JUM'AT 07.30-KELAS C

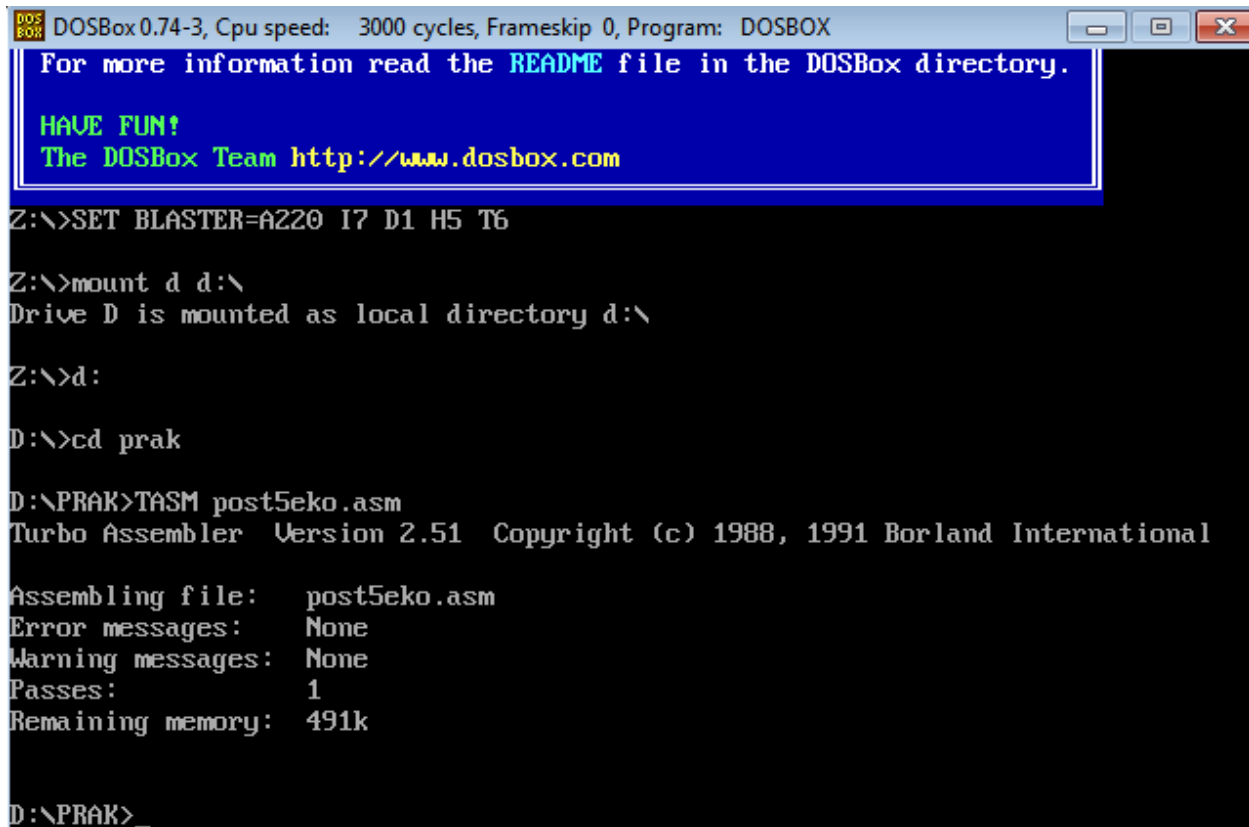
PROGRAM STUDI TEKNIK INFORMATIKA
FAKULTAS TEKNOLOGI INDUSTRI
UNIVERSITAS AHMAD DAHLAN
OKTOBER 2021

POSTEST II



```
.MODEL SMALL
.CODE
ORG 100h
MULAI:
    JMP CETAK
    Post DB 'K'
        DB '$'
CETAK :
    MOV AH,09H
    MOV DX,OFFSET Post
    INT 21h
HABIS:
    INT 20h
END MULAI
```

Menulis program kemudian menyimpannya



```
DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Program: DOSBOX
For more information read the README file in the DOSBox directory.
HAVE FUN!
The DOSBox Team http://www.dosbox.com

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

Z:\>mount d d:\
Drive D is mounted as local directory d:\

Z:\>d:

D:\>cd prak

D:\PRAK>TASM post5eko.asm
Turbo Assembler Version 2.51 Copyright (c) 1988, 1991 Borland International

Assembling file: post5eko.asm
Error messages: None
Warning messages: None
Passes: 1
Remaining memory: 491k

D:\PRAK>_
```

Mengubah ke file obj menggunakan TASM

```
DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Program: DOSBOX
Z:\>mount d d:\
Drive D is mounted as local directory d:\

Z:\>d:

D:\>cd prak

D:\PRAK>TASM post5eko.asm
Turbo Assembler Version 2.51 Copyright (c) 1988, 1991 Borland International

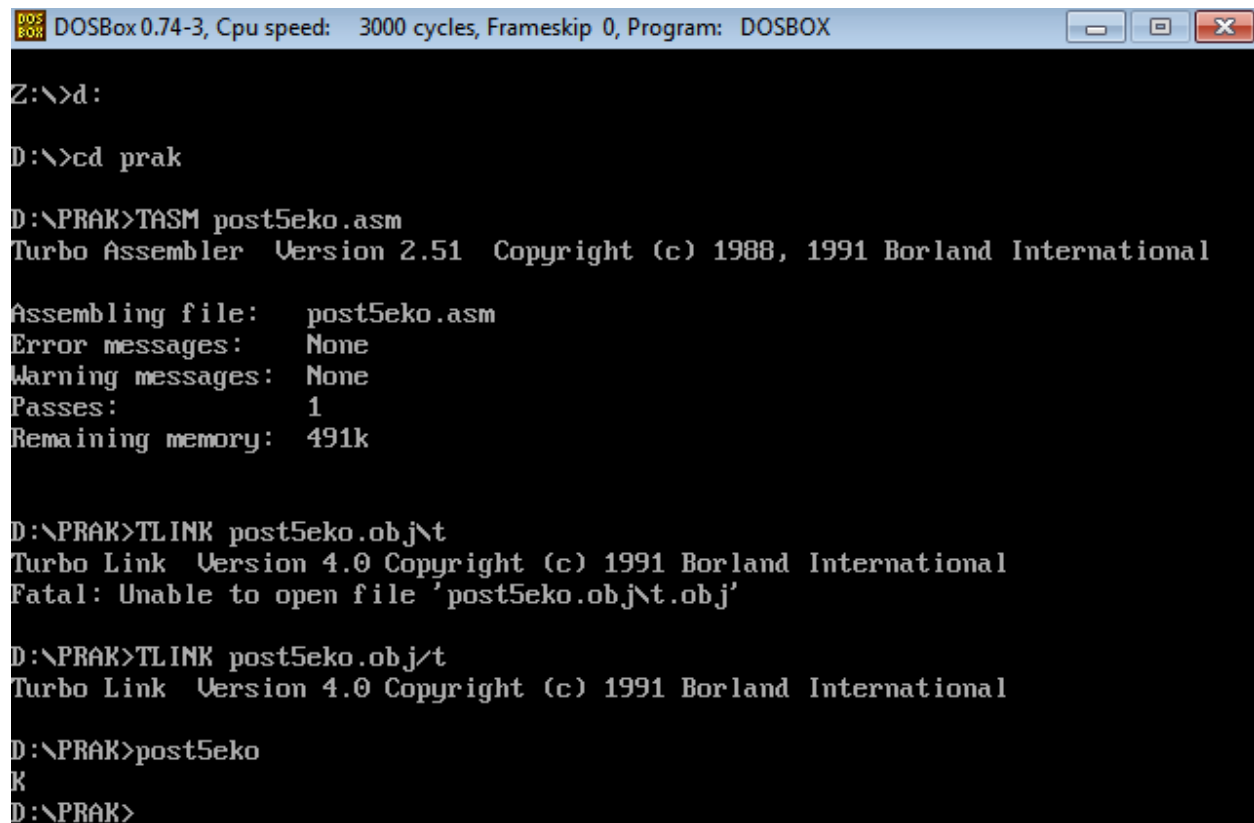
Assembling file: post5eko.asm
Error messages: None
Warning messages: None
Passes: 1
Remaining memory: 491k

D:\PRAK>TLINK post5eko.obj\t
Turbo Link Version 4.0 Copyright (c) 1991 Borland International
Fatal: Unable to open file 'post5eko.obj\t.obj'

D:\PRAK>TLINK post5eko.obj/t
Turbo Link Version 4.0 Copyright (c) 1991 Borland International

D:\PRAK>_
Assembling file: post5eko.asm
```

Mengubah file ke .com dengan TLINK



```
DOS
BOX DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Program: DOSBOX

Z:\>d:

D:\>cd prak

D:\PRAK>TASM post5eko.asm
Turbo Assembler Version 2.51 Copyright (c) 1988, 1991 Borland International

Assembling file: post5eko.asm
Error messages: None
Warning messages: None
Passes: 1
Remaining memory: 491k

D:\PRAK>TLINK post5eko.obj\t
Turbo Link Version 4.0 Copyright (c) 1991 Borland International
Fatal: Unable to open file 'post5eko.obj\t.obj'

D:\PRAK>TLINK post5eko.obj/t
Turbo Link Version 4.0 Copyright (c) 1991 Borland International

D:\PRAK>post5eko
K
D:\PRAK>
```

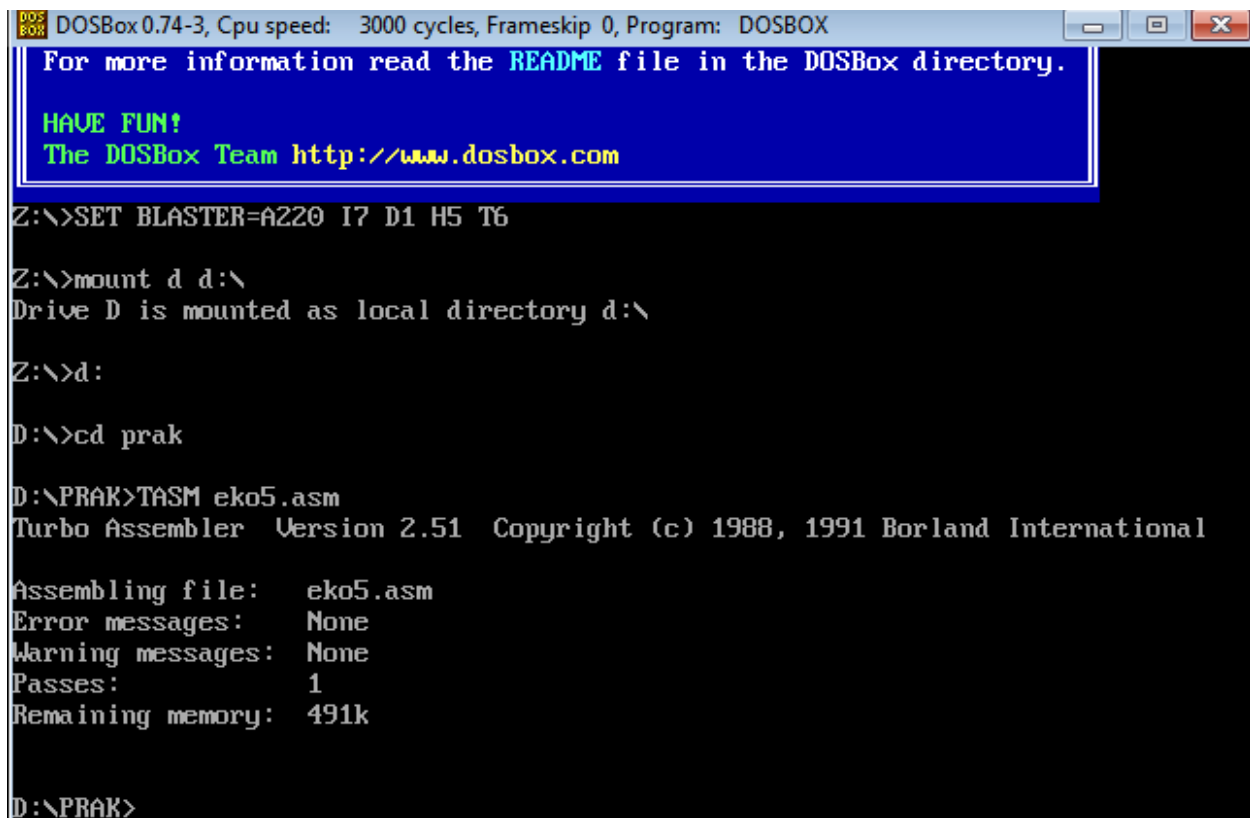
Menjalankan program dan hasilnya

PRAKTEK II



```
INT 21h
MOV DL, 'O'
INT 21h
MOV DL, 'D'
INT 21h
MOV DL, 'I'
INT 21h
MOV DL, ' '
INT 21h
MOV DL, 'I'
INT 21h
MOV DL, 'N'
INT 21h
MOV DL, 'F'
INT 21h
MOV DL, 'O'
INT 21h
MOV DL, 'R'
INT 21h
MOV DL, 'M'
INT 21h
MOV DL, 'A'
INT 21h
MOV DL, 'T'
INT 21h
MOV DL, 'I'
INT 21h
MOV DL, 'K'
INT 21h
MOV DL, 'A'
INT 21h
INT 20h
END Proses
```

Menuliskan dan menyimpan program



The image shows a DOSBox window titled "DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Program: DOSBOX". A blue message box is displayed at the top with the text: "For more information read the README file in the DOSBox directory.", "HAVE FUN!", and "The DOSBox Team <http://www.dosbox.com>". Below the message box, the command prompt shows the following sequence of commands and output:

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

Z:\>mount d d:\
Drive D is mounted as local directory d:\

Z:\>d:

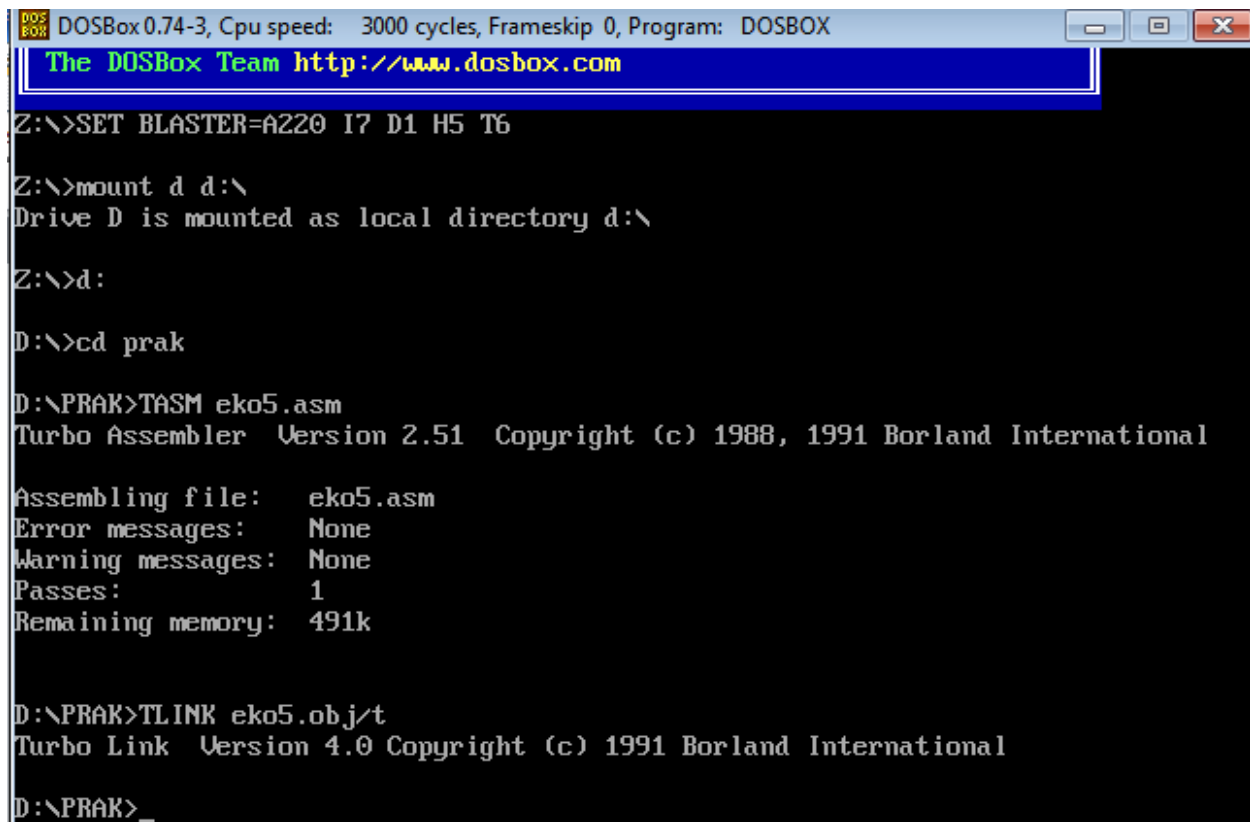
D:\>cd prak

D:\PRAK>TASM eko5.asm
Turbo Assembler Version 2.51 Copyright (c) 1988, 1991 Borland International

Assembling file:    eko5.asm
Error messages:     None
Warning messages:   None
Passes:             1
Remaining memory:   491k

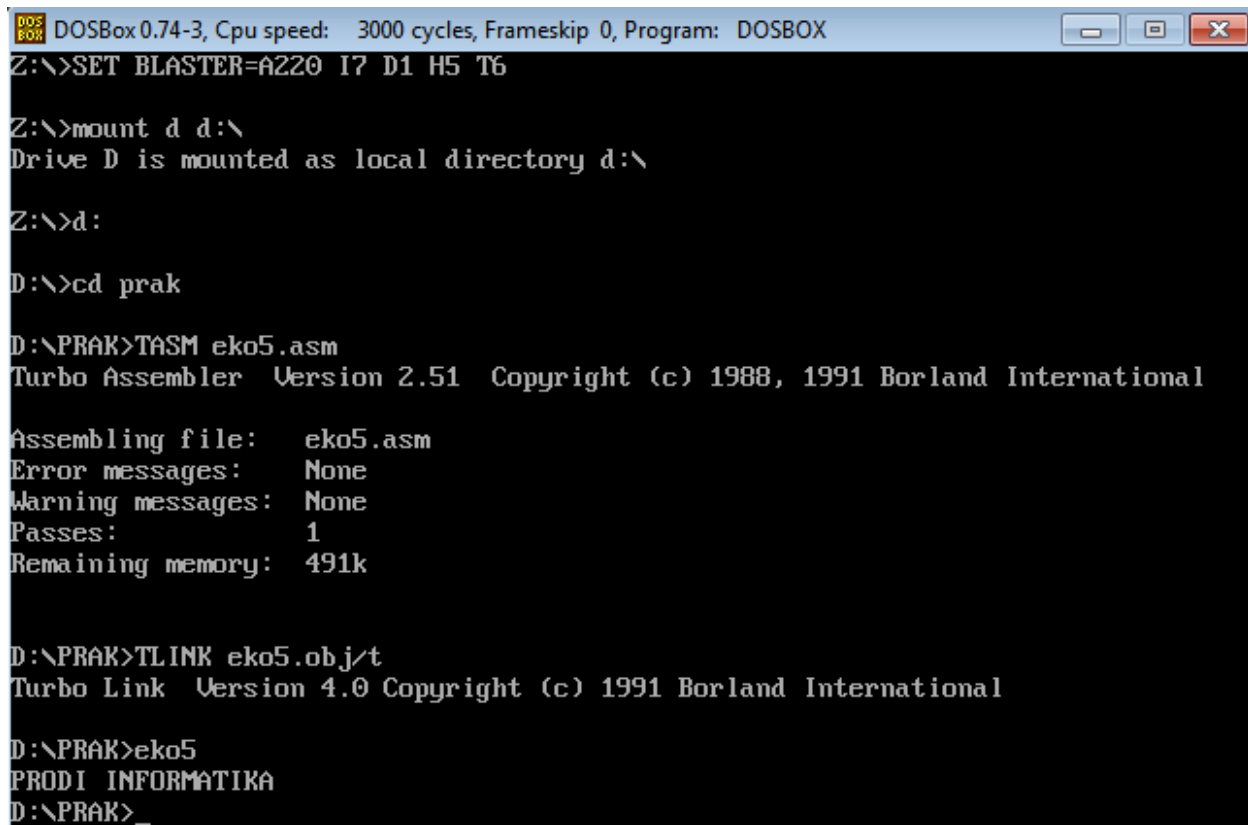
D:\PRAK>
```

Mengubah menjadi file obj menggunakan TASM

A screenshot of a DOSBox window. The title bar reads "DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Program: DOSBOX". Below the title bar is a blue banner with the text "The DOSBox Team http://www.dosbox.com". The main window area is black with white text. The text shows a series of commands and their outputs: "Z:\>SET BLASTER=A220 I7 D1 H5 T6", "Z:\>mount d d:\", "Drive D is mounted as local directory d:\", "Z:\>d:", "D:\>cd prak", "D:\PRAK>TASM eko5.asm", "Turbo Assembler Version 2.51 Copyright (c) 1988, 1991 Borland International", "Assembling file: eko5.asm", "Error messages: None", "Warning messages: None", "Passes: 1", "Remaining memory: 491k", "D:\PRAK>TLINK eko5.obj/t", "Turbo Link Version 4.0 Copyright (c) 1991 Borland International", and "D:\PRAK>_".

```
DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Program: DOSBOX
The DOSBox Team http://www.dosbox.com
Z:\>SET BLASTER=A220 I7 D1 H5 T6
Z:\>mount d d:\
Drive D is mounted as local directory d:\
Z:\>d:
D:\>cd prak
D:\PRAK>TASM eko5.asm
Turbo Assembler Version 2.51 Copyright (c) 1988, 1991 Borland International
Assembling file: eko5.asm
Error messages: None
Warning messages: None
Passes: 1
Remaining memory: 491k
D:\PRAK>TLINK eko5.obj/t
Turbo Link Version 4.0 Copyright (c) 1991 Borland International
D:\PRAK>_
```

Mengubah file .com menggunakan TLINK

A screenshot of a DOSBox window. The title bar reads "DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Program: DOSBOX". The command prompt shows the following sequence of commands and output:

```
Z:\>SET BLASTER=A220 17 D1 H5 T6

Z:\>mount d d:\
Drive D is mounted as local directory d:\

Z:\>d:

D:\>cd prak

D:\PRAK>TASM eko5.asm
Turbo Assembler Version 2.51 Copyright (c) 1988, 1991 Borland International

Assembling file: eko5.asm
Error messages: None
Warning messages: None
Passes: 1
Remaining memory: 491k

D:\PRAK>TLINK eko5.obj/t
Turbo Link Version 4.0 Copyright (c) 1991 Borland International

D:\PRAK>eko5
PRODI INFORMATIKA
D:\PRAK>_
```

Menjalankan dan hasil program