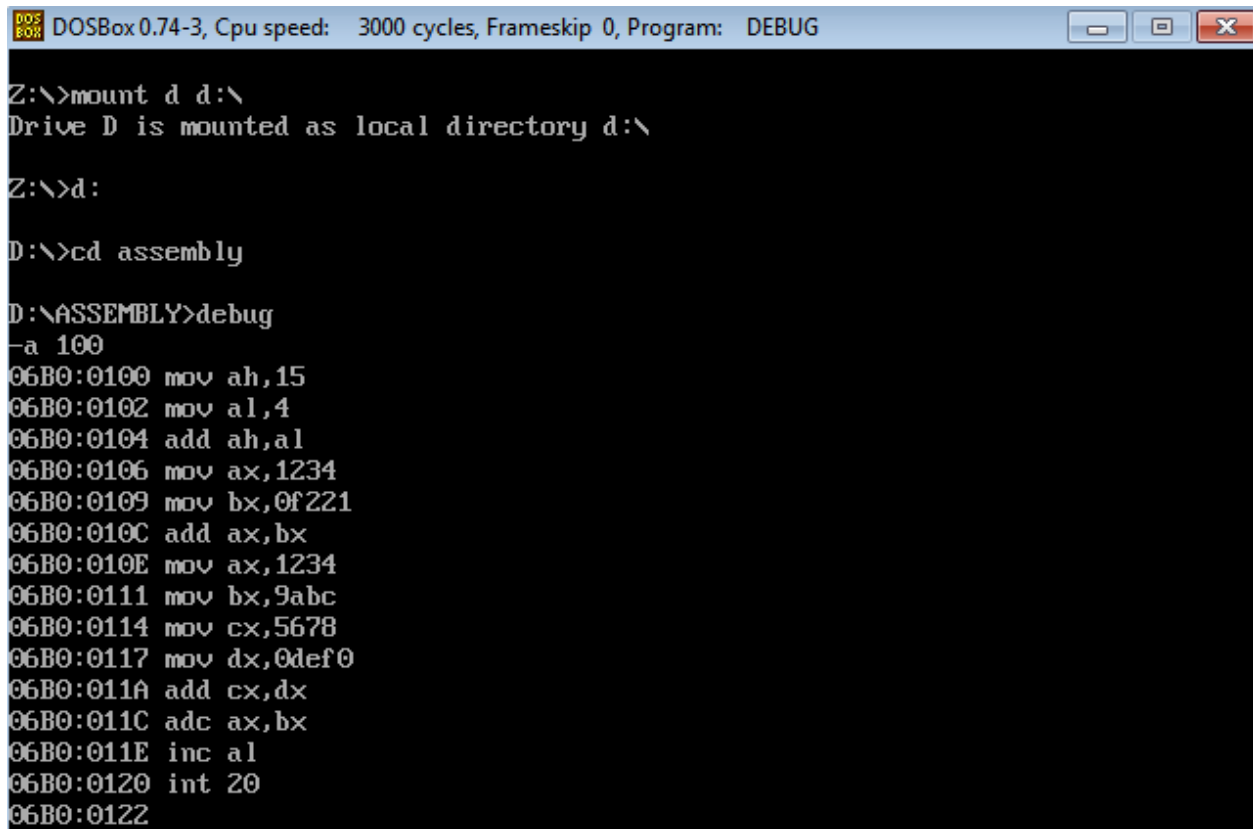


LAPORAN PRAKTIKUM
DASAR SISTEM KOMPUTER



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

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



DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Program: DEBUG

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

Z:\>d:

D:\>cd assembly

D:\ASSEMBLY>debug
-a 100
06B0:0100 mov ah,15
06B0:0102 mov al,4
06B0:0104 add ah,al
06B0:0106 mov ax,1234
06B0:0109 mov bx,0f221
06B0:010C add ax,bx
06B0:010E mov ax,1234
06B0:0111 mov bx,9abc
06B0:0114 mov cx,5678
06B0:0117 mov dx,0def0
06B0:011A add cx,dx
06B0:011C adc ax,bx
06B0:011E inc al
06B0:0120 int 20
06B0:0122
```

Langkah praktik (menggunakan dosbox) 1-4

```
DOS
BOX DOSBox 0.74-3, Cpu speed: 3000 cycles, Frameskip 0, Program: DEBUG
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0117 NU UP EI PL NZ NA PE CY
06B0:0117 BAF0DE          MOV     DX,DEF0
-t
AX=1234 BX=9ABC CX=5678 DX=DEF0 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=011A NU UP EI PL NZ NA PE CY
06B0:011A 01D1          ADD     CX,DX
-t
AX=1234 BX=9ABC CX=3568 DX=DEF0 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=011C NU UP EI PL NZ NA PO CY
06B0:011C 11D8          ADC     AX,BX
-t
AX=ACF1 BX=9ABC CX=3568 DX=DEF0 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=011E NU UP EI NG NZ AC PO NC
06B0:011E FEC0          INC     AL
-t
AX=ACF2 BX=9ABC CX=3568 DX=DEF0 SP=FFFE BP=0000 SI=0000 DI=0000
DS=06B0 ES=06B0 SS=06B0 CS=06B0 IP=0120 NU UP EI NG NZ NA PO NC
06B0:0120 CD20          INT     20
-t
Program terminated (0000)
-n prakpat.com
-w
Writing 0000 bytes
-
```

Langkah praktik 5 dan 6