Kumpulan Program Assembler
(DEBUG & TASM)

DEBUG :

- Mencetak (ABC)

Mov ah,02
Mov dl,41
Int 21
Inc dl
Int 21
Inc dl
Int 21
Int 20
-g
ABC

- Mencetak (A B C) DenganSepasi

mov ah,02
mov dl,41
int 21
push dx
mov dl,20
int 21
pop dx
inc dl
int 21
mov dl,20
int 21
mov dl,43
int 21
int 20
-g
A B C

- Mencetak(CBA)

mov ah,02
mov dl,43
int 21
dec dl
int 21
dec dl
int 21
int 20
-g

CBA

• Mencetak(CBA) DenganSepasi
mov ah,02
mov dl,43
int 21
push dx
mov dl,20
int 21
pop dx
dec dl
int 21
mov dl,20
int 21
mov dl,41
int 21
int 20
-g
C B A

Mencetak Dengan ::

INC : (ABC) & (A B C)

DEC : (CBA) & (C B A)
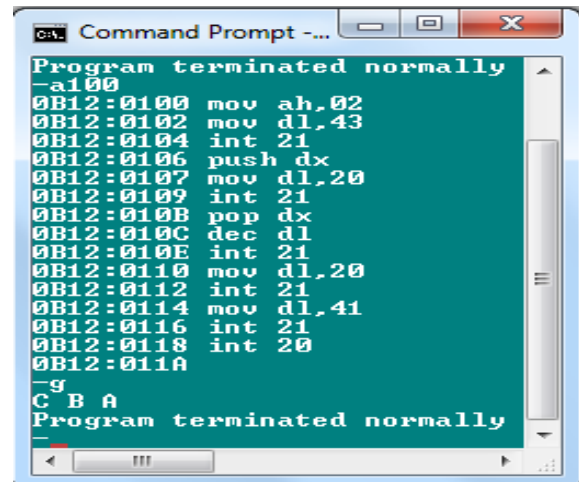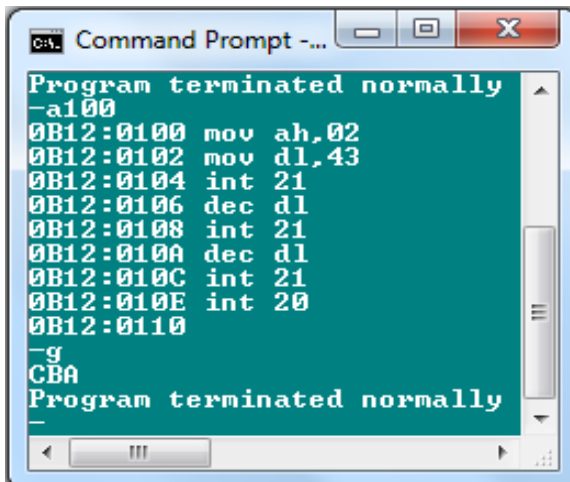
ADD : (FAN) & (F A N)


```
C:\>debug
-a100
0B12:0100 mov ah,02
0B12:0102 mov dl,46
0B12:0104 int 21
0B12:0106 mov dl,dl
0B12:0108 sub dl,5
0B12:010B int 21
0B12:010D add dl,d
0B12:0110 int 21
0B12:0112 int 20
0B12:0114
-g
FAN
Program terminated normally
-
```

```
Program terminated normally
-a100
0B12:0100 mov ah,02
0B12:0102 mov dl,46
0B12:0104 int 21
0B12:0106 mov bl,dl
0B12:0108 mov dl,20
0B12:010A int 21
0B12:010C mov dl,bl
0B12:010E sub dl,5
0B12:0111 int 21
0B12:0113 mov bl,dl
0B12:0115 mov dl,20
0B12:0117 int 21
0B12:0119 mov dl,bl
0B12:011B add dl,d
0B12:011E int 21
0B12:0120 int 20
0B12:0122
-g
F A N
Program terminated normally
-
```
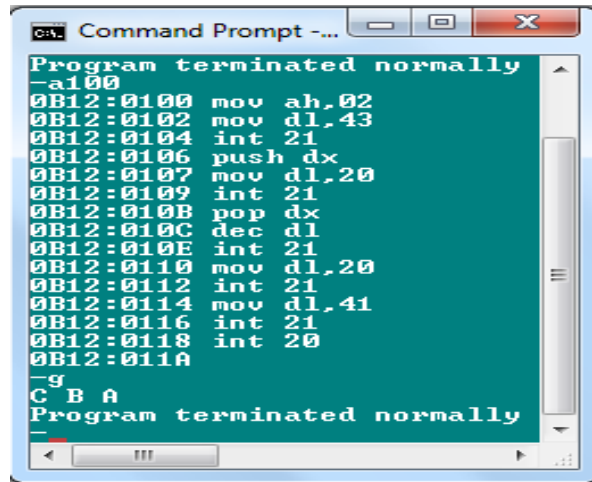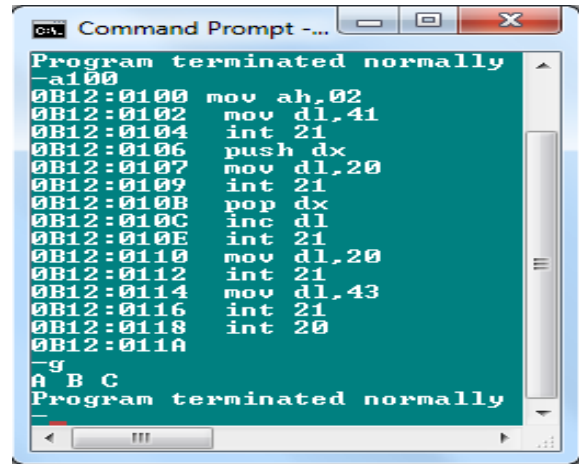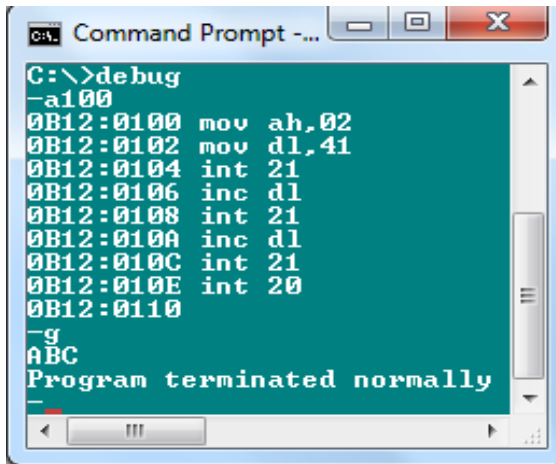
SUB : (NAF) & (N A F)


```
Program terminated normally
-a100
0B12:0100 mov ah,02
0B12:0102 mov dl,4e
0B12:0104 int 21
0B12:0106 mov dl,dl
0B12:0108 sub dl,d
0B12:010B int 21
0B12:010D add dl,5
0B12:0110 int 21
0B12:0112 int 20
0B12:0114
-g
NAF
Program terminated normally
-
```

```
Program terminated normally
-a100
0B12:0100 mov ah,02
0B12:0102 mov dl,4e
0B12:0104 int 21
0B12:0106 mov bl,dl
0B12:0108 mov dl,20
0B12:010A int 21
0B12:010C mov dl,bl
0B12:010E sub dl,d
0B12:0111 int 21
0B12:0113 mov bl,dl
0B12:0115 mov dl,20
0B12:0117 int 21
0B12:0119 mov dl,bl
0B12:011B add dl,5
0B12:011E int 21
0B12:0120 int 20
0B12:0122
-g
N A F
Program terminated normally
-
```

```
Command Prompt - debug
D:\Users\90kils>debug
-a100
0B10:0100 mov cx,1a
0B10:0103 mov ah,02
0B10:0105 mov dl,41
0B10:0107 int 21
0B10:0109 push dx
0B10:010A add dl,20
0B10:010D int 21
0B10:010F mov dl,20
0B10:0111 int 21
0B10:0113 pop dx
0B10:0114 inc dl
0B10:0116 loop 107
0B10:0118 int 20
0B10:011A
-g
Aa Bb Cc Dd Ee Ff Gg Hh Ii Jj Kk Ll Mm Nn Oo Pp Qq Rr Ss Tt Uu Vv Ww Xx Yy Zz
Program terminated normally
_
```

```
Command Prompt - debug
-a100
0B10:0100 mov cx,1a
0B10:0103 mov ah,02
0B10:0105 mov dl,41
0B10:0107 int 21
0B10:0109 push dx
0B10:010A add dl,20
0B10:010D int 21
0B10:010F inc dl
0B10:0111 int 21
0B10:0113 mov dl,20
0B10:0115 int 21
0B10:0117 pop dx
0B10:0118 inc dl
0B10:011A loop 107
0B10:011C int 20
0B10:011E
-g
Aab Bbc Ccd Dde Eef Ffg Ggh Hhi Iij Jjk Kkl Llm Mmn Nno Oop Ppq Qqr Rrs Sst Ttu
Uuv Vvw Wwx Xxy Yyz Zz<
Program terminated normally
_
```

```
Command Prompt - debug
Program terminated normally
-a100
0B10:0100 mov cx,09
0B10:0103 mov ah,02
0B10:0105 mov dl,31
0B10:0107 int 21
0B10:0109 push dx
0B10:010A add dl,30
0B10:010D int 21
0B10:010F mov dl,20
0B10:0111 int 21
0B10:0113 pop dx
0B10:0114 inc dl
0B10:0116 loop 107
0B10:0118 int 20
0B10:011A
-g
1a 2b 3c 4d 5e 6f 7g 8h 9i
Program terminated normally
_
```

```
Command Prompt - debug
Program terminated normally
-a100
0B10:0100 mov cx,0d
0B10:0103 mov ah,02
0B10:0105 mov dl,61
0B10:0107 int 21
0B10:0109 push dx
0B10:010A sub dl,20
0B10:010D int 21
0B10:010F add dl,20
0B10:0112 int 21
0B10:0114 mov dl,0a
0B10:0116 int 21
0B10:0118 pop dx
0B10:0119 inc dl
0B10:011B loop 107
0B10:011D int 20
0B10:011F
-g
aAa
  bBb
    cCc
      dDd
        eEe
          fFf
            gGg
              hHh
                iIi
                  jJj
                    kKk
                      lLl
                        mMm

Program terminated normally
_
```
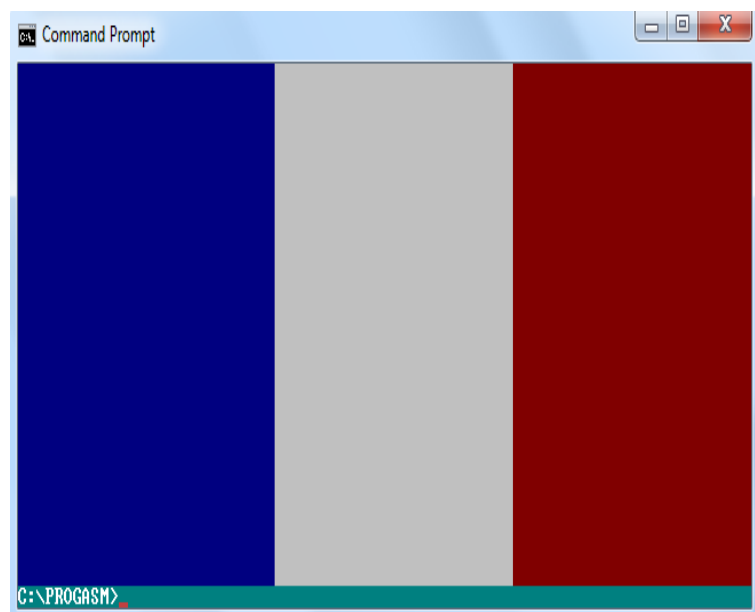
TASM :

```
mp.asm - Notepad
File  Edit  Format  View  Help
.model small;
.code;
org 100h
h:
  Mov ah,06h
  Mov ch,00
  Mov dh,12
  Mov cl,00
  Mov dl,80
  Mov bh,40h
  int 10h
    Mov ah,06h
    Mov ch,13
    Mov dh,24
    Mov cl,00
    Mov dl,80h
    Mov bh,70h
    Int 10h
    Int 20h
end h;
```
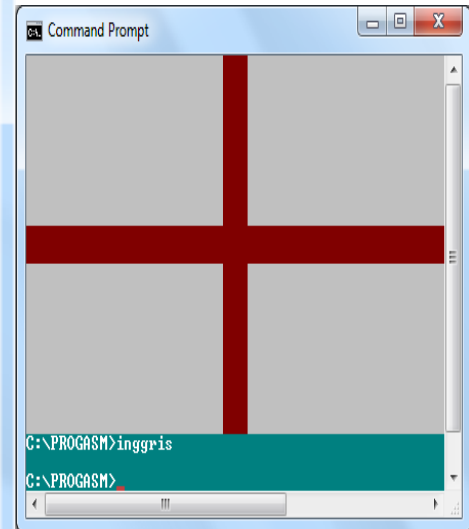


```
prancis.asm - Notepad
File  Edit  Format  View  Help
.model small;
.code;
org 100h
h:
  Mov ah,06h
  Mov ch,00
  Mov dh,80
  Mov cl,00
  Mov dl,27
  Mov bh,10h
  Int 10h
    Mov ah,06h
    Mov ch,00
    Mov dh,80
    Mov cl,28
    Mov dl,54
    Mov bh,70h
    Int 10h
  Mov ah,06h
  Mov ch,00
  Mov dh,80
  Mov cl,54
  Mov dl,80
  Mov bh,40h
  Int 10h
  Int 20h
end h;
```
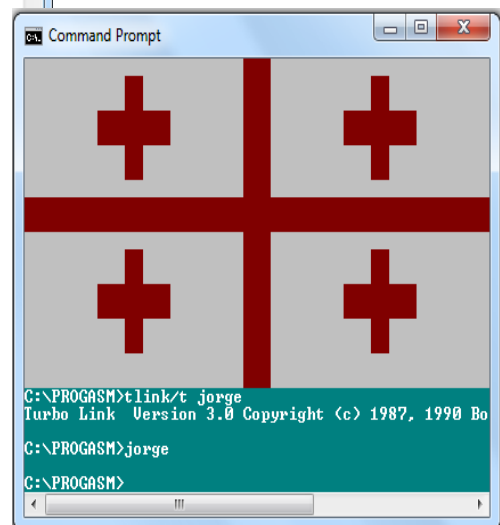
inggris.asm - Notepad

File   Edit   Format   View   Help

```
.model small;
.code;
org 100h
h:
        Mov ah,06h
        Mov ch,00
        Mov dh,19
        Mov cl,00
        Mov dl,50
        Mov bh,70h
        int 10h
        Mov ch,09
        Mov dh,10
        Mov cl,00
        Mov dl,50
        Mov bh,40h
        int 10h
        Mov ch,00
        Mov dh,19
        Mov cl,24
        Mov dl,26
        Mov bh,40h
        int 10h
        int 20h
End h;
```

Command Prompt

```
C:\PROGASM>inggris

C:\PROGASM>
```

Jorge.asm - Notepad

File   Edit   Format   View   Help

```
.model small;
.code;
org 100h
h:
      Mov ah,06h
      Mov ch,00
      Mov dh,19
      Mov cl,00
      Mov dl,50
      Mov bh,70h
      int 10h
      Mov ch,09
      Mov dh,10
      Mov cl,00
      Mov dl,50
      Mov bh,40h
      int 10h
      Mov ch,00
      Mov dh,19
      Mov cl,24
      Mov dl,26
      Mov bh,40h
        int 10h
        Mov ch,04
        Mov dh,05
        Mov cl,08
        Mov dl,15
        Mov bh,40h
        int 10h
        Mov ch,02
        Mov dh,07
        Mov cl,11
        Mov dl,12
```

```
        Mov dl,12
        Mov bh,40h
int 10h
Mov ch,04
Mov dh,05
Mov cl,35
Mov dl,42
Mov bh,40h
int 10h
Mov ch,02
Mov dh,07
Mov cl,38
Mov dl,39
Mov bh,40h
        int 10h
        Mov ch,14
        Mov dh,15
        Mov cl,08
        Mov dl,15
        Mov bh,40h
        int 10h
        Mov ch,12
        Mov dh,17
        Mov cl,11
        Mov dl,12
        Mov bh,40h
Int 10h
Mov ch,14
Mov dh,15
Mov cl,35
Mov dl,42
Mov bh,40h
int 10h
```

```
        int 10h
        Mov ch,12
        Mov dh,17
        Mov cl,38
        Mov dl,39
        Mov bh,40h
        int 10h
        int 20h
end h;
```

Command Prompt

```
C:\PROGASM>tlink/t jorge
Turbo Link  Version 3.0 Copyright (c) 1987, 1990 Bo

C:\PROGASM>jorge

C:\PROGASM>
```

YNNI.asm ...

File   Edit   Format   View
Help

```
.Model small;
.code;
org 100h;
h:
                mov ah,06h;
                mov ch,00;
                mov dh,18;
                mov cl,00;
                mov dl,40;
                mov bh,10h;
                int 10h;
mov ch,05;
mov dh,06;
mov cl,00;
mov dl,13;
mov bh,70h;
int 10h;
                mov ch,00;
                mov dh,10;
                mov cl,05;
                mov dl,07;
                mov bh,70h;
                int 10h;
mov ch,03;
mov dh,04;
mov cl,14;
mov dl,40;
mov bh,70h;
int 10h;
                mov ch,07;
                mov dh,08;
                mov cl,14;
                mov dl,40;
                mov bh,70h;
                int 10h;
mov ch,11;
mov dh,12;
mov cl,00;
mov dl,40;
mov bh,70h;
int 10h;
                mov ch,15;
                mov dh,16;
                mov cl,00;
                mov dl,40;
                mov bh,70h;
                int 10h;
                int 20h;

end h;
```

Command Prompt

C:\PROGASM>YNNI