LAB TASK # 7

1. Draw four shapes of different color as discussed in today class with their names as blinking text.

Code:

```
DOSBox 0.74, Cpu speed:    3000 cycles, Frameskip 0, Program:    EDIT
 File   Edit   Search   View   Options   Help
                         C:\GRAPHIC.ASM
;square and reactangle _
dosseg
.model small
.stack 100h
.data
a1 db 'rectangle$'
a2 db 'square$'
.code
main proc
mov ax,@data
mov ds,ax
mov ah,06h
mov al,5
mov bh,00010000b        ;for blinking the string we change first to 1
mov ch,0
mov cl,0
mov dh,25
mov dl,25
int 10h
mov dx,offset a1
mov ah,9
int 21h
```
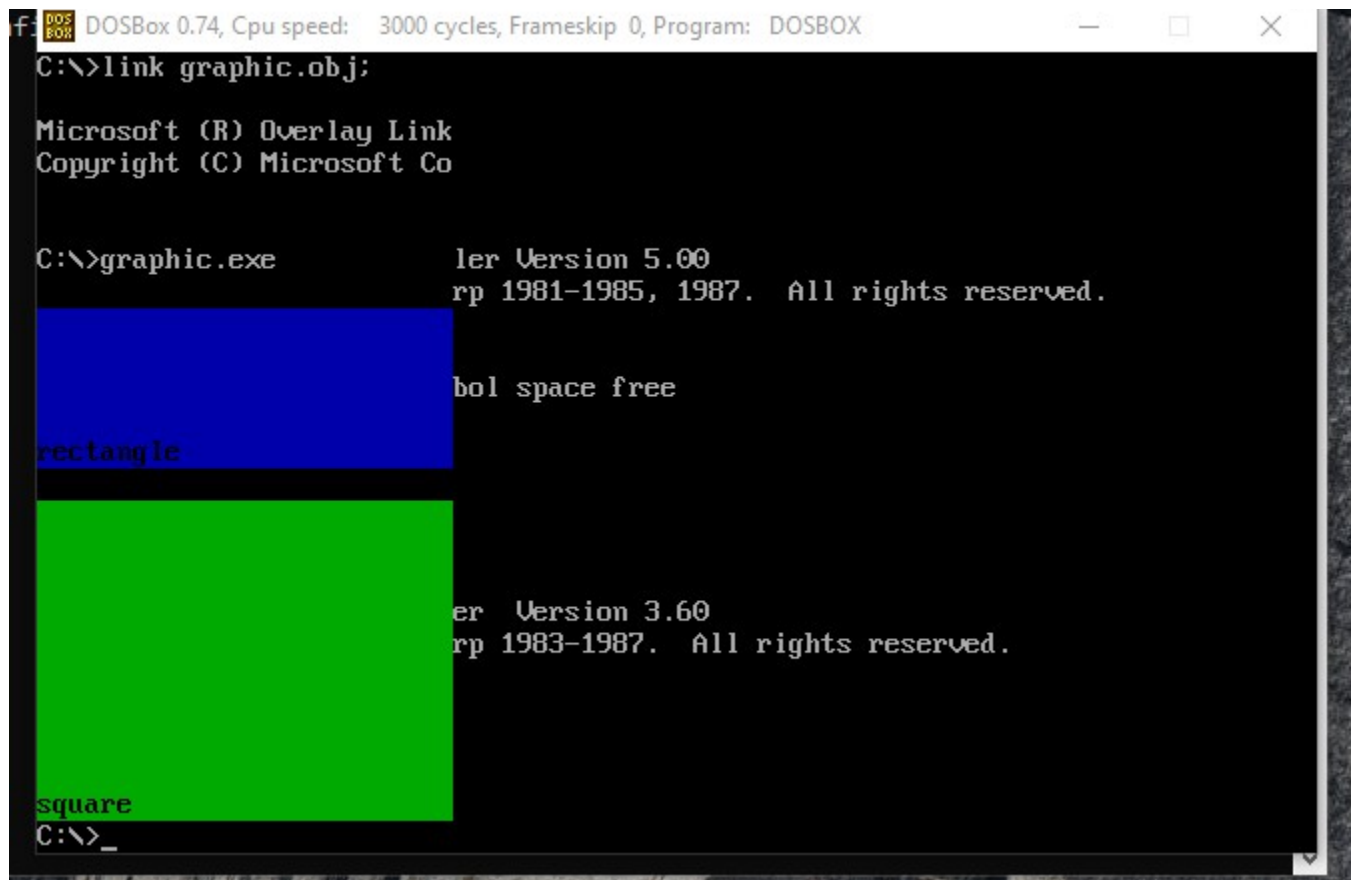
```
mov dx,10
mov ah,2
int 21h
mov dx,13
mov ah,2
int 21h
mov ah,06h
mov al,10
mov bh,00100000b        ;for blinking we change first bit to 1
mov ch,0
mov cl,0
mov dh,25
mov dl,25
int 10h
mov dx,offset a2
mov ah,9
int 21h

mov ah,4ch
int 21h
main endp
end main _
F1=Help                                       Line:44    Col:13
```

Output:


```
DOSBox 0.74, Cpu speed:   3000 cycles, Frameskip 0, Program:  DOSBOX       —  □  ✕
C:\>link graphic.obj;

Microsoft (R) Overlay Link
Copyright (C) Microsoft Co

C:\>graphic.exe                ler Version 5.00
                               rp 1981-1985, 1987.  All rights reserved.

                               bol space free
rectangle



                               er  Version 3.60
                               rp 1983-1987.  All rights reserved.




square
C:\>_
```

2. BONUS TASK:

Draw any pattern as discussed in today class.

Code:

```
 File   Edit   Search   View   Options   Help
                    C:\GRAPHICS.ASM
dosseg
.model small
.stack 100h
.data
.code
main proc
mov ah,6
mov al,20
mov bh,00100000b
mov ch,0
mov cl,0
mov dh,45
mov dl,45
int 10h
mov ah,6
mov al,20
mov bh,01000000b
mov ch,5
mov cl,5
mov dh,40
mov dl,40
int 10h
mov ah,6
mov al,20
mov bh,01100000b
mov ch,10
mov cl,10
mov dh,35
mov dl,35
int 10h
mov ah,6
mov al,20
mov bh,01110000b
mov ch,15
mov cl,15
mov dh,30
mov dl,30
int 10h
mov ah,6
mov al,20
mov bh,01010000b
mov ch,20
mov cl,20
mov dh,25
mov dl,25
int 10h
mov ah,4ch
int 21h
main endp
end main
```

F1=Help   Line:51   Col:1

Output:

n 0.74
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DOSBox 0.74, Cpu speed: 3000 cycles, Frameskip 0, Program: DOSBOX   —   □   ✕

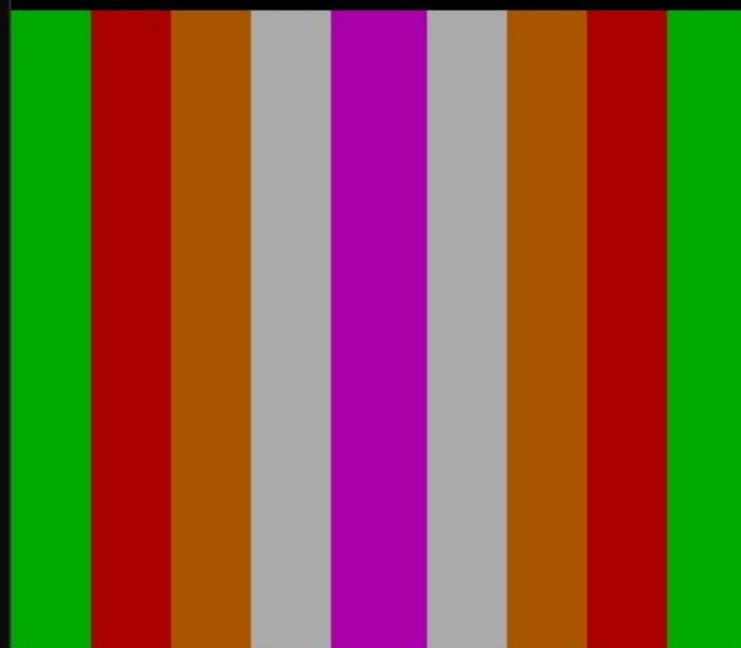g   4.conf
ev:

C:\>graphi

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C:\>_