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## Kod

screen macro ;grafik modu. 40x25. 256 colors. 320x200 pixels.

```
    mov ah,00  
  
    mov al,13h  
  
    int 10h  
  
endm
```

;yatay çizgi için makro

draw\_hrz macro x,y

```
    local myloop    ;Duplicate declaration hatası almamak için  
  
    ;başlangıç koordinatları macro parametresinden alınıyor  
  
    mov cx,x        ;CX = sütun  
  
    mov dx,y        ;DX = satır.  
  
    mov bh,0h       ;sayfa sayısı  
  
myloop:  
    mov ah,0ch      ;INT 10h / AH = 0Ch - change color for a single pixel  
  
    mov al,04       ;AL = red  
  
    int 10h  
  
    inc cx  
  
    cmp cx,90  
  
    jnz myloop  
  
endm
```

;dikey çizgi için makro

draw\_vrt macro x,y

```
    local myloop    ;Duplicate declaration hatası almamak için  
  
    ;başlangıç koordinatları macro parametresinden alınıyor  
  
    mov cx,x        ;CX = sütun  
  
    mov dx,y        ;DX = satır.  
  
    mov bh, 0h
```

```
myloop:
mov ah,0ch      ;INT 10h / AH = 0Ch - change color for a single pixel
mov al,01      ;AL = blue
int 10h
inc dx
cmp dx,90
jnz myloop
endm
```

```
capraz_ciz macro x,y,z
```

```
    local lbl
    mov cx,x
    mov dx,y
    mov bh, 0h
    mov bx, z
    lbl:
    mov ah,0ch
    mov al,02    ;green
    int 10h
    inc dx
    dec cx
    dec bx
    jnz lbl
endm
```

```
capraz_ciz_2 macro x,y,z
```

```
    local lbl
    mov cx,x
    mov dx,y
    mov bh, 0h
    mov bx, z
    lbl:
    mov ah,0ch
```

```
    mov al,02  
    int 10h  
    dec dx  
    inc cx  
    dec bx  
    jnz lbl  
endm
```

```
capraz_ciz_3 macro x,y,z
```

```
    local lbl  
    mov cx,x  
    mov dx,y  
    mov bh, 0h  
    mov bx, z  
    lbl:  
    mov ah,0ch  
    mov al,02  
    int 10h  
    inc dx  
    inc cx  
    dec bx  
    jnz lbl  
endm
```

```
capraz_ciz_renk1 macro x,y,z
```

```
    local lbl  
    mov cx,x  
    mov dx,y  
    mov bh, 0h  
    mov bx, 35  
    lbl:  
    mov ah,0ch
```

```
    mov al,z ;renk
    int 10h
    inc dx
    dec cx
    dec bx
    jnz lbl
endm
```

```
capraz_ciz_renk2 macro x,y,z
```

```
    local lbl
    mov cx,x
    mov dx,y
    mov bh, 0h
    mov bx, 35
    lbl:
    mov ah,0ch
    mov al,z ;renk
    int 10h
    inc dx
    inc cx
    dec bx
    jnz lbl
endm
screen
```

```
draw_hrz 20,20
draw_hrz 20,55
draw_hrz 20,90
```

```
draw_vrt 20,20
draw_vrt 55,20
draw_vrt 90,20
```

capraz\_ciz 30,20,10

capraz\_ciz 40,20,20

capraz\_ciz 50,20,30

capraz\_ciz 60,20,40

capraz\_ciz 70,20,50

capraz\_ciz 80,20,60

;

capraz\_ciz\_renk1 90,20,06

capraz\_ciz\_renk1 55,55,0dh

;

capraz\_ciz\_2 30,90,60

capraz\_ciz\_2 40,90,50

capraz\_ciz\_2 50,90,40

capraz\_ciz\_2 60,90,30

capraz\_ciz\_2 70,90,20

capraz\_ciz\_2 80,90,10

capraz\_ciz\_3 80,20,10

capraz\_ciz\_3 70,20,20

capraz\_ciz\_3 60,20,30

capraz\_ciz\_3 50,20,40

capraz\_ciz\_3 40,20,50

capraz\_ciz\_3 30,20,60

;

capraz\_ciz\_renk2 20,20,06

capraz\_ciz\_renk2 55,55,0dh

;

capraz\_ciz\_3 20,30,60

capraz\_ciz\_3 20,40,50

capraz\_ciz\_3 20,50,40

capraz\_ciz\_3 20,60,30

capraz\_ciz\_3 20,70,20

capraz\_ciz\_3 20,80,10

; C çizme - dairesel çizemedim maalesef :(

```
mov cx, 55
mov dx, 20
lbl1:
mov ah, 0ch
mov al, 5
int 10h
inc dx
dec cx
cmp cx, 20
jnz lbl1
```

```
mov cx, 20
mov dx, 55
```

```
lbl2:
mov ah, 0ch
mov al, 5
int 10h
inc dx
inc cx
cmp cx, 55
jnz lbl2
```

```
mov cx, 55
mov dx, 20
```

```
lbl3:
mov ah, 0ch
```

```
mov al, 5  
int 10h  
inc cx  
inc dx  
cmp dx, 37  
jnz lbl3
```

```
mov cx, 55  
mov dx, 90
```

```
lbl4:  
mov ah, 0ch  
mov al, 5  
int 10h  
inc cx  
dec dx  
cmp dx, 72  
jnz lbl4
```

```
ret
```

## **Ekran Görüntüsü**

Not:Koyu mor C harfi

scr emulator screen (40x25 chars)(320x200 pixels)

