```
Q1:
[org 0x0100]
jmp start
mess1: db '
11: dw 35
xpos: dw 2
ypos: dw 0
clrscr:
push es
push ax
push cx
push di
mov ax, 0xb800
mov es, ax
xor di, di
mov ax, 0720h
mov cx, 2000
cld
rep stosw
pop di
pop cx
pop ax
pop es
ret
printstr: push bp
mov bp, sp
push es
push ax
push cx
push si
push di
mov ax, 0xb800
mov es, ax
mov al, 80
mul byte [bp+10]
add ax, [bp+12]
shl ax. 1
mov di,ax
mov si, [bp+6]
mov cx, [bp+4]
mov ah, [bp+8]
cld
nextchar: lodsb
stosw
loop nextchar
pop di
pop si
рор сх
pop ax
pop es
pop bp
```

ret 10

call clrscr mov cx, 13 looop1: mov ax, 0 push ax mov ax, [ypos] push ax mov ax, 40h push ax mov ax, mess1 push ax push word[l1] call printstr mov ax, [ypos] inc ax mov [ypos], ax loop looop1

start:

mov cx, 13 looop2: mov ax, 35 push ax mov ax, [ypos] push ax mov ax, 20h push ax mov ax, mess1 push ax push word[l1] call printstr mov ax, [ypos] inc ax mov [ypos], ax loop looop2

mov cx, 13 looop4: mov ax, 0 push ax mov ax, [ypos] push ax mov ax, 70h push ax mov ax, mess1 push ax push word[l1] call printstr mov ax, [ypos] inc ax mov [ypos], ax loop looop4

```
mov ax, 0x4c00
int 21h
Q2:
[org 0x0100]
jmp start
Date1: db '30/03/2017'
Date2: db '30, March 2017'
Date3: db 'Thursday, March 30, 2017'
lenDate1: dw 10
lenDate2: dw 14
lenDate3: dw 24
clrscr:
push es
push ax
push cx
push di
mov ax, 0xb800
mov es, ax
xor di, di
mov ax, 7020h
mov cx, 2000
cld
rep stosw
pop di
pop cx
pop ax
pop es
ret
printstr: push bp
mov bp, sp
push es
push ax
push cx
push si
push di
mov ax, 0xb800
mov es, ax
mov al, 80
mul byte [bp+10]
add ax, [bp+12]
shl ax, 1
mov di,ax
mov si, [bp+6]
mov cx, [bp+4]
```

mov ah, [bp+8]

nextchar: lodsb

loop nextchar

cld

stosw

pop di pop si pop cx pop ax pop es pop bp ret 10

start:

call clrscr mov ax, 45 push ax mov ax, 21 push ax mov ax, 47h push ax mov ax, Date1 push ax push word[lenDate1] call printstr

mov ax, 22
push ax
mov ax, 5
push ax
mov ax, 97h
push ax
mov ax, Date3
push ax
push word[lenDate3]
call printstr

mov ax, 30
push ax
mov ax, 15
push ax
mov ax, 67h
push ax
mov ax, Date2
push ax
push word[lenDate2]
call printstr

mov ax, 0x4c00 int 21h