

```

void f() {
    static int cntr = 0;    // 1
    int x = 2, y = 1, z = 0; // 2
    unsigned short w = 282; // 3
    signed char q = 13;    // 4

    ++cntr;                // 5
    z = -x + q * w * y - w; // 6
}

```

```

section .bss
; Резервирование 4 байт памяти
    cntr resd 1

section .text
    global f

; Точка входа в программу
f:
    push    ebp
    mov     ebp, esp
    sub     esp, 16

    mov     dword [ebp-16], 2    ; (1)
    mov     dword [ebp-12], 1    ; (2)
    mov     dword [ebp-8], 0     ; (3)
    mov     word  [ebp-4], 282    ; (4)
    mov     byte [ebp-1], 13     ; (5)
    add     dword [cntr], 1      ; (6)
    movsx   eax, byte [ebp-1]    ; (7)
    movzx   edx, word [ebp-4]    ; (8)
    imul   eax, edx              ; (9)
    imul   eax, dword [ebp-12]  ; (10)
    sub     eax, dword [ebp-16]  ; (11)
    sub     eax, edx              ; (12)
    mov     dword [ebp-8], eax   ; (13)

    leave
    ret

```