

**Задача 1.**

a??? ??23  
 cafebabe  
 ca ff ca ?1

**Задача 2.**

```
section .text
global tree_height_rec
tree_height_rec:
    xor     edx, edx
    test    ecx, ecx
    je      .L6
    push    esi
    push    ebx
    push    ebx
    mov     ebx, ecx
    mov     ecx, dword [ecx+4]
    call    tree_height_rec
    mov     esi, eax
    mov     ecx, dword [ebx+8]
    call    tree_height_rec
    lea     edx, [eax+1]
    cmp     esi, eax
    jb      .L1
    lea     edx, [esi+1]
.L1:
    mov     eax, edx
    pop     edx
    pop     ebx
    pop     esi
    ret
.L6:
    mov     eax, edx
    ret
```

```
;global main
;main:
;    xor     eax, eax
;    ret
```

**Задача 3.**

U=55/128  
 16/0,@,@,16/0  
 56/1,\*,\*,\*,\*,\*,\*,\*,\*,\*,\*,\*  
 40/0,@,@,@,@,@,@,@,@,40/0

**Задача 5.**

A = 401  
 B = 8  
 C = 79

**Задача 6.**

AD  
AB  
AD  
AB

**Задача 7.**

2  
18  
yes  
yes  
4  
3  
yes

**Задача 8.**

m2.c; m2.o; end; +; global; m1.o, m2.o; COMMON  
m2.c; m2.o; changer; +; global; m2.o; .data  
m1.c; m1.o; mul2; +; local; m1.o; .text  
m1.c; m1.o; result; -; -; -; -  
m2.c; m2.o; init; +; global; m1.o; .data

**Задача 9.**

1 = 00 96 c4 08  
2 = 05 00 00 00  
3 = 24 b0 c4 09

**Задача 10.**

ACD  
BD  
BC