File: myenv2.s

```
section .text
  global _start
    _start:
        BITS 32
        jmp short two

    one:
        pop ebx                 ; ebx = address of db section
        xor eax, eax            ; eax = 0
        mov [ebx+12],al         ; replace the first * with 0
        mov [ebx+17],al         ; replace the second * with 0
        mov [ebx+22],al         ; replace the third * with 0

        ; setup argument array
        mov [ebx+24],ebx        ; AAAA is placeholder for argv[0]
        mov [ebx+28],eax        ; BBBB is placeholder for argv[1]
        lea ecx,[ebx+24]        ; ecx = address of argv[]

        ; setup environment variables array
        lea edx,[ebx+13]        ; edx = ebx + 13
        mov [ebx+32],edx        ; CCCC is placeholder for env[0]
                                ; stores the address of "a=11"
        lea edx,[ebx+18]
        mov [ebx+36],edx        ; DDDD is placeholder for env[1]
                                ; stores the address of "b=22"
        mov [ebx+40],eax
        lea edx,[ebx+32]        ; EEEE is placeholder for env[2]
                                ; set to 0

        ; invoke execve()
        xor eax,eax
        mov al,0x0b
        int 0x80

    two:
        call one
        db '/usr/bin/env*a=11*b=22**AAAABBBBCCCCDDDDEEEE'
```

Setup for `execve()` to execute the command using code segment for data: **`/usr/bin/env`**