

## ORIGINAL CODE

```
pop ebx
frndint
mov edi,dword ptr ss:[ebp-4]
fld st(0),tword ptr ds:[edi+6405E0]
fcomp st(0),st(1)
fwait
fnstsw word ptr ss:[ebp-A]
fwait
test word ptr ss:[ebp-A],4100
je 426EF2
fidiv st(0),dword ptr ds:[edi+6405EC]
inc dword ptr ss:[ebp-8]
fbstp tword ptr ss:[ebp-14],st(0)
lea edi,dword ptr ds:[ebx+3]
mov edx,9
fwait
mov al,byte ptr ds:[edx+ebp-15]
mov ah,al
shr al,4
and ah,F
add ax,3030
stosw
dec edx
jne 426EFE
xor al,al
stosb
mov edi,dword ptr ss:[ebp-8]
add edi,dword ptr ss:[ebp+8]
jns 426F25
xor eax,eax
jmp 426E9C
cmp edi,dword ptr ss:[ebp+C]
jb 426F2D
mov edi,dword ptr ss:[ebp+C]
cmp edi,12
jae 426F59
cmp byte ptr ds:[ebx+edi+3],35
jb 426F5E
mov byte ptr ds:[ebx+edi+3],0
dec edi
js 426F4E
inc byte ptr ds:[ebx+edi+3]
cmp byte ptr ds:[ebx+edi+3],39
ja 426F39
jmp 426F6D
mov word ptr ds:[ebx+3],31
inc dword ptr ss:[ebp-8]
jmp 426F6D
mov edi,12
mov byte ptr ds:[ebx+edi+3],0
dec edi
js 426F7F
cmp byte ptr ds:[ebx+edi+3],30
je 426F5E
mov dx,word ptr ds:[esi+8]
mov eax,dword ptr ss:[ebp-8]
shr dx,F
mov word ptr ds:[ebx],ax
mov byte ptr ds:[ebx+2],dl
ret
```

## NEW ONE

```
pop ebx
nop
nop
mov edi,dword ptr ss:[ebp-4]
fld st(0),tword ptr ds:[edi+478854]
fcomp st(0),st(1)
fwait
fnstsw word ptr ss:[ebp-A]
fwait
test word ptr ss:[ebp-A],4100
je 409EC6
fidiv st(0),dword ptr ds:[edi+478860]
inc dword ptr ss:[ebp-8]
fld st(0),st(0)
fld st(0),st(0)
frndint
fcomi st(0),st(1)
jbe 409ED6
fld1
fsubp st(1),st(0)
fld st(0),st(0)
fsubp st(2),st(0)
fxch st(0),st(1)
mov ax,64
mov word ptr ss:[ebp-1A],ax
fimul st(0),word ptr ss:[ebp-1A]
fbstp tword ptr ss:[ebp-18],st(0)
fbstp tword ptr ss:[ebp-17],st(0)
fwait
fninit
lea edi,dword ptr ds:[ebx+3]
mov edx,A
fwait
mov al,byte ptr ds:[edx+ebp-19]
mov ah,al
shr al,4
and ah,F
add ax,3030
stosw
dec edx
jne 409EF7
xor al,al
stosb
mov edi,dword ptr ss:[ebp-8]
add edi,dword ptr ss:[ebp+8]
jns 409F1E
xor eax,eax
jmp 409E70
cmp edi,dword ptr ss:[ebp+C]
jb 409F26
mov edi,dword ptr ss:[ebp+C]
mov edi,14
and edi,FF
nop
mov byte ptr ds:[ebx+edi+3],0
dec edi
js 409F53
cmp byte ptr ds:[ebx+edi+3],30
je 409F32
mov dx,word ptr ds:[esi+8]
mov eax,dword ptr ss:[ebp-8]
shr dx,F
mov word ptr ds:[ebx],ax
mov byte ptr ds:[ebx+2],dl
ret
```