

```
sub_401EE0 proc near
push    ebx
push    esi
push    edi
push    ebp
mov     esi, eax
mov     edi, offset dword_40C468
mov     ebp, offset dword_40C46C
```

```
loc_401EF0:
mov     ebx, ds:dword_40C460
cmp     esi, [ebx+8]
jle    loc_401F83
```

```
mov     ebx, [edi]
mov     eax, [ebx+8]
cmp     esi, eax
jle    short loc_401F83
```

```
mov     [ebx+8], esi
```

```
loc_401F0B:
mov     ebx, [ebx+4]
cmp     esi, [ebx+8]
jg    short loc_401F0B
```

```
mov     edx, [edi]
mov     [edx+8], eax
cmp     ebx, [edi]
jz    short loc_401F20
```

```
loc_401F20:
cmp     esi, 1000h
jg    short loc_401F35
```

```
mov     eax, esi
call    sub_401EB8
mov     ebx, eax
test    ebx, ebx
jnz   short loc_401F83
```

```
mov     [edi], ebx
jmp    short loc_401F83
```

```
loc_401F35:
mov     eax, esi
call    sub_401E58
test    al, al
jnz   short loc_401F47
```

```
loc_401F83:
mov     eax, ebx
call    sub_401AC0
mov     edx, [ebx+8]
mov     eax, edx
sub    eax, esi
cmp     eax, 0Ch
jl    short loc_401FA2
```

```
loc_401F47:
cmp     esi, [ebp+0]
jg    short loc_401EF0
```

```
sub    [ebp+0], esi
cmp    dword ptr [ebp+0], 0Ch
jge   short loc_401F5D
```

```
add    esi, [ebp+0]
xor    eax, eax
mov    [ebp+0], eax
```

```
mov    edx, ebx
add    edx, esi
xchg   eax, edx
call    sub_401D00
jmp    short loc_401FB4
```

```
loc_401FA2:
mov    esi, edx
cmp    ebx, [edi]
jnz   short loc_401FAD
```

```
mov    eax, [ebx+4]
mov    [edi], eax
```

```
loc_401F5D:
mov    eax, ds:dword_40C470
add    ds:dword_40C470, esi
mov    edx, esi
or     edx, 2
mov    [eax], edx
add    eax, 4
inc    ds:dword_40C3FC
sub    esi, 4
add    ds:dword_40C400, esi
jmp    short loc_401FCF
```

```
loc_401FB4:
mov    eax, ebx
mov    edx, esi
or     edx, 2
mov    [eax], edx
add    eax, 4
inc    ds:dword_40C3FC
sub    esi, 4
add    ds:dword_40C400, esi
```

```
loc_401FAD:
mov    eax, ebx
add    eax, esi
and    dword ptr [eax], 0FFFFFFFEh
```

```
xor    eax, eax
jmp    loc_401FCF
```

```
loc_401F5D:
mov    eax, ds:dword_40C470
add    ds:dword_40C470, esi
mov    edx, esi
or     edx, 2
mov    [eax], edx
add    eax, 4
inc    ds:dword_40C3FC
sub    esi, 4
add    ds:dword_40C400, esi
jmp    short loc_401FCF
```

```
loc_401FB4:
mov    eax, ebx
mov    edx, esi
or     edx, 2
mov    [eax], edx
add    eax, 4
inc    ds:dword_40C3FC
sub    esi, 4
add    ds:dword_40C400, esi
jmp    short loc_401FCF
```

```
loc_401FCF:
pop    ebp
pop    edi
pop    esi
pop    ebx
ret
sub_401EE0 endp
```