

sub\_40079c:

```
push     rbp
mov      rbp, rsp
mov      dword [ss:rbp+var_44], edi
mov      qword [ss:rbp+var_50], rsi
mov      dword [ss:rbp+var_40], 0x12ee
mov      dword [ss:rbp+var_3C], 0x12e0
mov      dword [ss:rbp+var_38], 0x12bc
mov      dword [ss:rbp+var_34], 0x12f1
mov      dword [ss:rbp+var_30], 0x12ee
mov      dword [ss:rbp+var_2C], 0x12eb
mov      dword [ss:rbp+var_28], 0x12f2
mov      dword [ss:rbp+var_24], 0x12d8
mov      dword [ss:rbp+var_20], 0x12f4
mov      dword [ss:rbp+var_1C], 0x12ef
mov      dword [ss:rbp+var_18], 0x12d2
mov      dword [ss:rbp+var_14], 0x12f4
mov      dword [ss:rbp+var_10], 0x12ec
mov      dword [ss:rbp+var_C], 0x12d6
mov      dword [ss:rbp+var_8], 0x12ba
mov      eax, dword [ss:rbp+var_44]
cdqe
mov      edx, dword [ss:rbp+rax*4+var_40]
mov      rax, qword [ss:rbp+var_50]
mov      eax, dword [ds:rax]
lea      ecx, dword [ds:rdx+rax]
mov      edx, 0x354ac933
mov      eax, ecx
imul     edx
sar      edx, 0xa
mov      eax, ecx
sar      eax, 0x1f
sub      edx, eax
mov      eax, edx
imul     eax, eax, 0x1337
sub      ecx, eax
mov      eax, ecx
mov      rdx, qword [ss:rbp+var_50]
mov      dword [ds:rdx], eax
nop
pop      rbp
ret
```