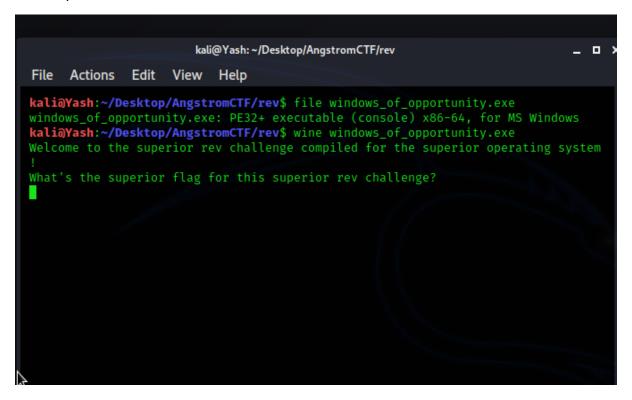
Description:

Windows Of Opportunity:

Clam's a windows elitist and he just can't stand seeing all of these Linux challenges! So, he decided to step in and create his own rev challenge with the "superior" operating system.

Hint- You can probably solve it just by looking at the disassembly.

We are provided with the file



From the hint section, we got to know that to look at any disassembler.

Let's open windows of opportunity.exe file in radare2

Just do r2 windows_of_opportunity.exe in your terminal window and analysis this file.

```
kali@Yash:~/Desktop

File Actions Edit View Help

kali@Yash:~/Desktop$ r2 windows_of_opportunity.exe
[0×00401500]> aaa
[x] Analyze all flags starting with sym. and entry0 (aa)
[x] Analyze function calls (aac)
[x] Analyze len bytes of instructions for references (aar)
[x] Check for objc references
[x] Check for vtables
[x] Type matching analysis for all functions (aaft)
[x] Propagate noreturn information
[x] Use -AA or aaaa to perform additional experimental analysis.
[0×00401500]>
```

Then go through main function

```
kali@Yash: ~/Desktop/AngstromCTF/rev
                                                                                             _ = ;
File
     Actions
              Edit
                  View
                          Help
                   (int argc, char **argv, char **envp);
             var size_t var_8h @ rbp-0×8
            ; var signed int64_t var_4h @ rbp-0×4
                                           push rbp
                            4889e5
                                           sub rsp, 0×30
                            e86c020000
                                           call sym.__main
                            488d0d152a00. lea rcx, qword str.Welcome_to_th
e_superior_rev_challenge_compiled_for_the_superior_operating_system ;
                            e8c0160000
                                           call sym.puts
                            488d0d612a00. lea rcx, gword str.What_s_the_su
perior_flag_for_this_superior_rev_challenge
                            e8b4160000
                                           call sym.puts
                            488b05d16c00.
                                          mov rax, qword [sym.imp.msvcrt.d
    iob_func]
                            4989c0
                            ba80000000
                                           mov edx, 0×80
                            488d0d8c1a00. lea rcx, qword [0×004030a0]; "a 🔭
```

Here you can clearly see that the flag is at address 0x004030a0

So you can hexdump at this address and you will get the flag.

```
kali@Yash: ~/Desktop/AngstromCTF/rev
                                                                                                 File
     Actions
              Edit View
                           Help
                            7cad
                             488d0d772a00.
                                           lea rcx, qword str.Oh_wow_a_fell
ow_windows_user ;
                            e8f0150000
                                            call sym.puts
                            b8000000000
                                            add rsp, 0×30
                                            pop rbp
                           6b34 795f 6d34 7962 335f
           0000 0000 0000 0000 0000 0000 0000 0000
           0000 0000 0000 0000 0000 0000 0000 0000
                                0000 0000 0000 0000
            702d 4000 0000 0000 802d 4000 0000 0000
           32a2 df2d 992b 0000 0000 0000 0000 0000
```