I first opened the file in ghidra and searched in strings to look for the “you have succeeded” string

A screenshot of a computer

Description automatically generated

A screenshot of a computer program

Description automatically generated

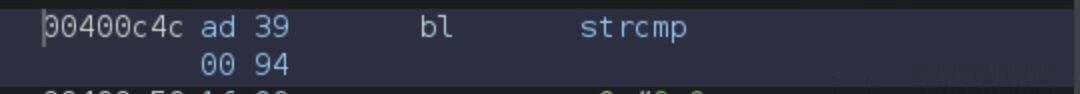
I then clicked on the what I believe is the check\_password function (FUN\_00400ad), which then brought me to what I believe to be the encrypt\_decrypt and string compare

A screenshot of a computer program

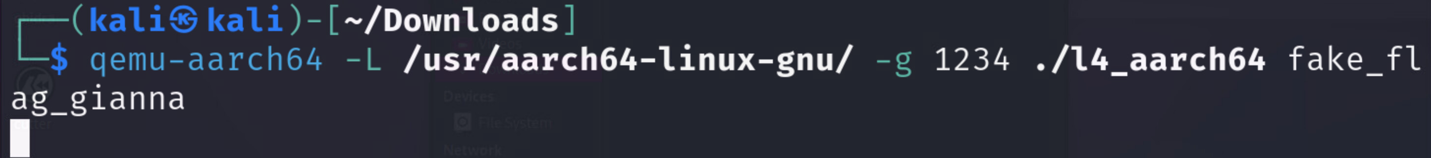
Description automatically generated

A black background with yellow text

Description automatically generated



After I found the string compare, I ran qemu in one terminal



I opened another terminal and ran qemu

A computer screen shot of a program

Description automatically generated

I then set a breakpoint at the string compare and then checked the registers to find the flag. I found the flag at x0

A screenshot of a computer

Description automatically generated

I then ran the flag to check to make sure it was right

A screenshot of a computer

Description automatically generated