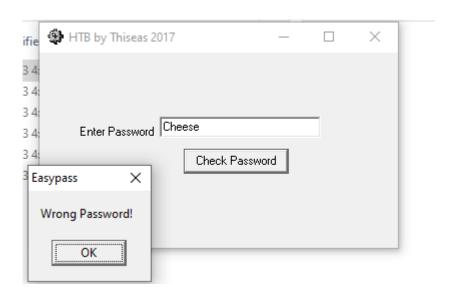
Find The Easy Pass

Function:

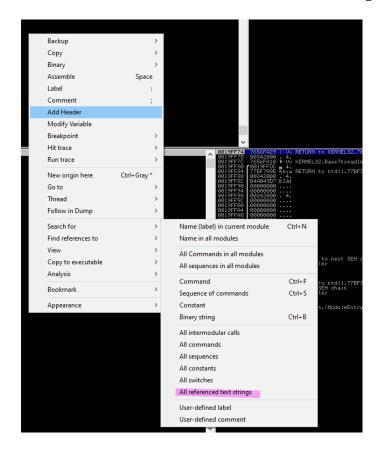


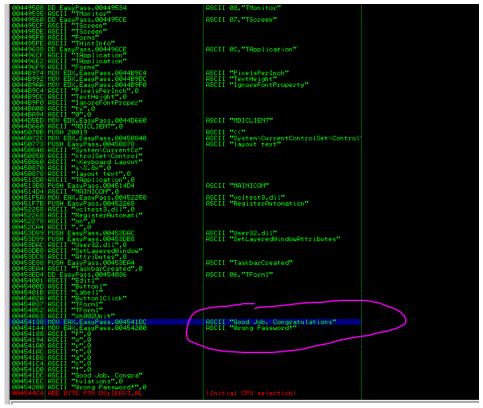
The disassembly in has way too many functions to manually look through and looks obfuscated so it's not plain to see what's going on using static analysis, so dynamic analysis is needed.

There it looks like [ebp+var_28] and [ebp+var_4] are being compared and if they are not equal then it jumps to wrong password.

Presumably the user input is pushed onto the stack after the string, but who knows

Using Immunity, search for the Wrong Password string so we can add a breakpoint at the jnz instruction to see what values are there and what is being compared:





Clicking the Good Job, Congratulations takes us to where it's referenced in the program, set a breakpoint on the Call directly before the JNZ:

After running the program and entering Cheese as a password the comparison appears to be [EBP-4], [EBP-28], aligning the stack window to EBP shows that [EBP-4] is "fortran!".

