基本概念

首先**汇编码不是CPU的instruction**,它比instruction还要抽象一层,是Human readable的。compiler,是将high-level source code into a machine code disassembler,则是将CPU instruction转化成assembly language.

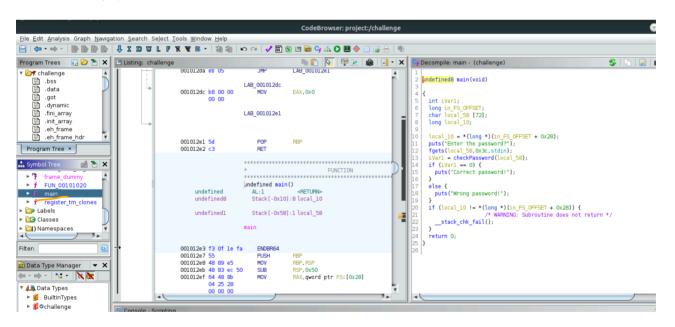
Decompilers and Disassemblers

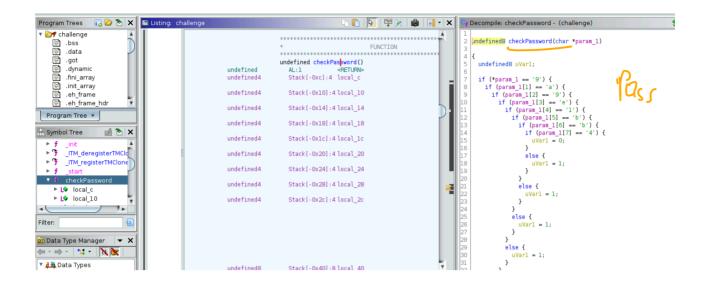
As the terms **decompiler** and **disassembler** are sometimes mixed up, here are brief descriptions to help you differentiate between the two:

- A decompiler is the opposite of a compiler a computer program that can create another
 computer program from source code. Therefore, a decompiler is a computer program that takes
 another computer program and provides an estimation of the source code that was used to
 compile it.
- A disassembler is a tool that takes the instructions for the CPU in a computer program and attempts to translate them into assembly language.

Disassembly is simpler to perform accurately compared to **decompilation**, however, assembly is generally harder to understand for humans as it is less structured and has many repetitions compared to higher-level languages.

Ghidra主页







What is the correct password for the program?

9a9e1bb4