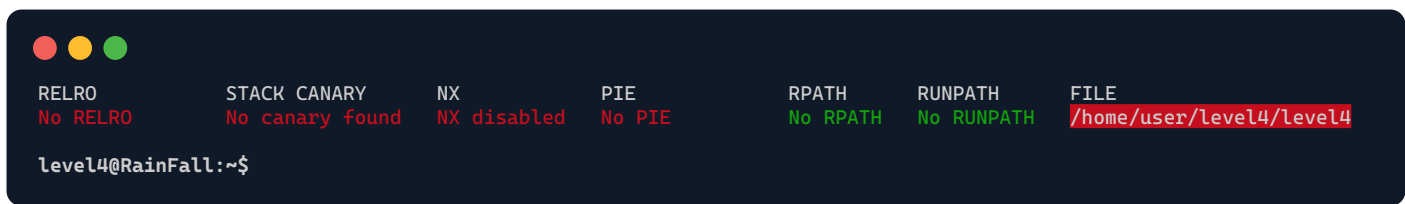


./level4



Decompiled file with *Ghidra*:



This level bears strong resemblance to the previous one, featuring a vulnerability with **print(buffer)**.

If we successfully set the global variable **m** to 0x1025544, the program will grant access to *level5*'s **.pass**.

We face a challenge this time: our buffer is limited to 512 bytes, but we need to print a value over 16 million. The old method won't work.

Thankfully with **printf** we can leverage the **width** specifier to pad our output. This way, we can print a large number of spaces using just a concise command.

As in the last level, we need to account for the characters produced by **%x** specifiers. Additionally, the **m** 8-character address must be factored into the padding calculation when using **printf** width specifier.

