‘Love Potion’ Reverse Engineering

About :

This is a very simple reverse engineering challenge.
Best of luck !

Context :

In the enchanted forest, Sabrina, a witch preparing Valentine's love potions, urgently hunts her cluttered bag for a lost post-it note containing the potion's vital ingredient. With time slipping away, she seeks her owl friend's help to find it before Valentine's Day arrives.

Flag :

The flag is a string that contains letters, numbers and '_'.

Rules :

Anything goes, use anything and everything at your disposal.

Tools :

- GDB
- Decompiler (IDA, Ghidra …)
- Text Editor for note taking