Challenge:Questionnaire

Challenge Description:

It's time to learn some things about binaries and basic c. Connect to a remote server and answer some questions to get the flag.

Context:

- This is a questionnaire about the C programming language, you get given a compiled program and you need to answer the question according to the questionnaire via a server that you connect to via netcat.
- The questions will also give little hints and what tools you can use to find the answer but isnt always direct with it.
- A similar challenge like this is called Lesson.

Notes:

- Tools:
- Cli Terminal A Terminal to Netcat into the server to answer the questions you just need to type.

Flag:

- Start the instance, and then Netcat into the server with the IP:PORT. First look at the terminal I got when I first connected seems to be a questionnaire.
- I don't think this challenge is really important as there are better challenges to learn from.
- The answers to the Questions goes as:

```
void vuln(){
                                                                      char buffer[0×20] = {0};
fprintf(stdout, "\nEnter payload here: ");
fgets(buffer, 0×100, stdin);
                                        : Partial
[*] Question number 0×1:
Is this a '32-bit' or '64-bit' ELF? (e.g. 1337-bit)
                                                                  void gg(){
                                                                      system("cat flag.txt");
        Correct
What's the linking of the binary? (e.g. static, dyna
                                                                      Correct
        Correct
 *] Question number 0×3:
Is the binary 'stripped' or 'not stripped'?
                                                                [*] Question number 0×6:
        Correct
                                                                      Correct
Which protections are enabled (Canary, NX, PIE, Fort
        Correct
```

• At the end we get the flag: HTB{l34rn_th3_b451c5_b3f0r4_u_5t4rt}