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Challenge 13 - Legacy code

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— So, you're the consultant assigned to the project? The engineer who knows old programming languages?

— Of course. I'm an expert in old languages such as Fortran or Cobol. Do you know Cobol? It's a...

— Yes, yes. Well, I'm glad to hear that. This is our old application. It has written an ultra-important secret message. We need you to recover that message and return it to us.

— No problem, I'll have it in a few minutes. What language is it?

— Great! Not a big deal. It's machine code, for the Sinclair ZX Spectrum.

Silence.

Looks like I picked the wrong day to quit smoking.



Input

It is a [file with the binary code](#), originally loaded in the address **0x8100**.

Output

The **hidden message** that the application is intended to print on the screen.

Test your code

You can test your program against both the input provided in the test phase and the input provided in the submit phase. A nice output will tell you if your program got the right solution or not. You can try as many times as you want to. Be careful with extra whitespaces, the output should be exactly as described.

Test your program against the input provided in the test phase

[Download test input](#)

Program output:

Seleccionar archivo Ningún archivo seleccionado

Submit test output

Test your program against the input provided in the submit phase

[Download input](#)

Program output:

Ningún archivo seleccionado

During the submit phase, in some problems, we might give your program harder inputs. As with the test token, a nice output will tell you if your program got the right solution or not. You can try as many times as you need.

In the actual contest you first need to solve the test phase before submitting the code, you must provide the source code used to solve the challenge and you can only submit once (once your solution is submitted you won't be able to amend it to fix issues or make it faster).

If you have any doubts, please check the [info section](#).

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