

Challenge 19 - Password recovery

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We recently discovered that an old machine is malfunctioning. Nobody remembers its password since it has been working without any issues for so long. Unfortunately, this is no longer the case. It is out of control and the only way to stop it is with its special access password.

Luckily, we have one last hope. We found some documentation that contains the code of the machine's password checker, so perhaps you can find a way to recover the password. We'll send you the password checker as input, please help us!

Submit & test your code

To test and submit code we provide a set of tools to help you. Download [con-test tools](#) if you haven't already done that. You will then be able to test your solution to this challenge with the challenge tokens.

```
Challenge tokens: CHALLENGE_19, CHALLENGE_SUBMIT_19
```

To test your program

```
./test_challenge CHALLENGE_19 path/program
```

A nice output will tell you if your program got the right solution or not. You can try as many times as you need.

To test your program against the input provided in the submit phase

```
./test_challenge CHALLENGE_SUBMIT_19 path/program
```

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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