

Exercise 1

The application requires two arguments: (1) a username and (2) the number of chars that should be printed back on screen

Use `./main <user> <chars-to-echo>`

For example

```
./main hello 2
Start
Echo he
End

./main hello 5
Start
Echo hello
End
```

Problem 1.1

Forge two command line arguments that make the application to leak the password that is stored internally. Write your solution in the file `solution1.txt`. For instance, if you used `./main hello 5` to leak the password, then your `solution1.txt` file should look like

```
# exercise 1
# question 1
# Forge two command line arguments that
# make the application to leak the password that is
# stored internally.
hello 5
# end
```

To test your solution execute `./test.py` or `py.test test.py`.

Hints

Debug the program using GDB. Find the distance between the locations of the two internal local variables `name` and `pwd`.