

In order to test any lab from the 13 labs here, you have two options :

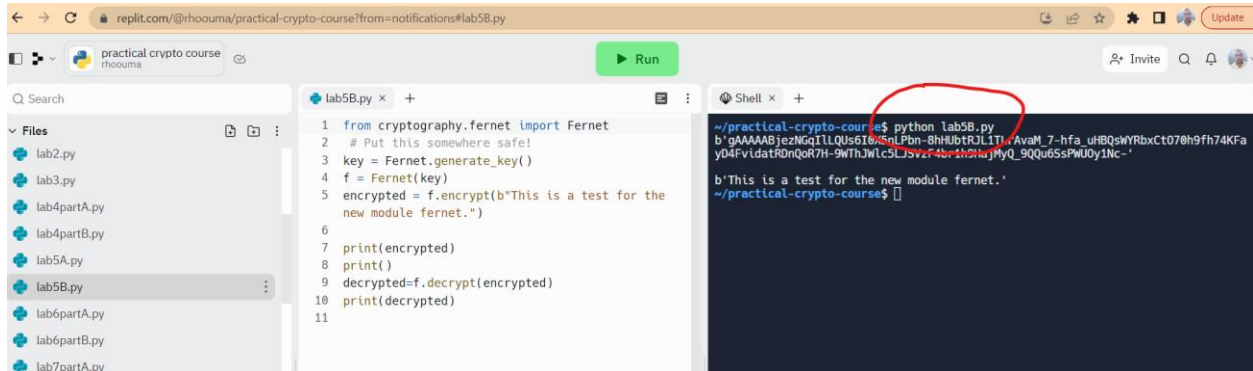
### 1) Option 1 : Use the terminal terminal

In the terminal type : `python <the-name-of-the-lab-file>.py` and hit enter

for example if I want to test lab 5 part B, I will type :

```
python lab5B.py
```

like in the following screenshot

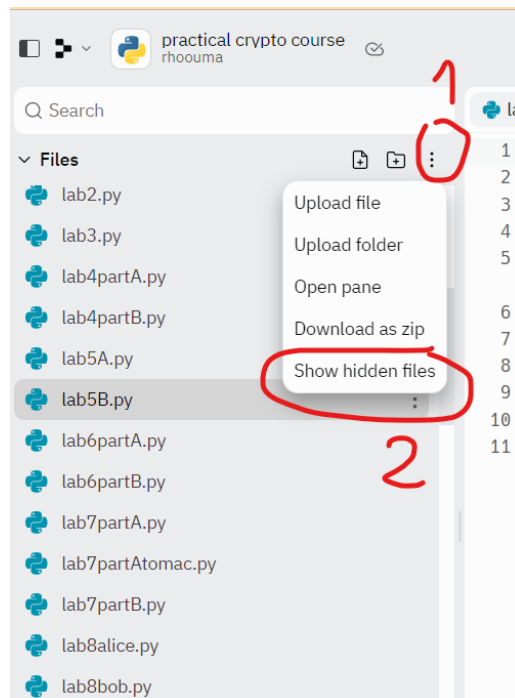


```
replit.com/@rhoouma/practical-crypto-course?from=notifications#lab5B.py
practical crypto course
rhoouma
lab5B.py x +
1 from cryptography.fernet import Fernet
2 # Put this somewhere safe!
3 key = Fernet.generate_key()
4 f = Fernet(key)
5 encrypted = f.encrypt(b"This is a test for the
6 new module fernet.")
7 print(encrypted)
8 print()
9 decrypted=f.decrypt(encrypted)
10 print(decrypted)
11
~/practical-crypto-course$ python lab5B.py
b'gAAAAABjezNqILLQUs6T045nLPbn-8hHJ0tR3L1TLAvaM_7-hfa_uHBQsMYRbxCt070h9fh74KFa
y04FvIdatR0nQ0R7H-9WthJWlc5LJ5v740z40wJmyQ_9QQu6SsPMU0y1Nc-'
b'This is a test for the new module fernet.'
~/practical-crypto-course$
```

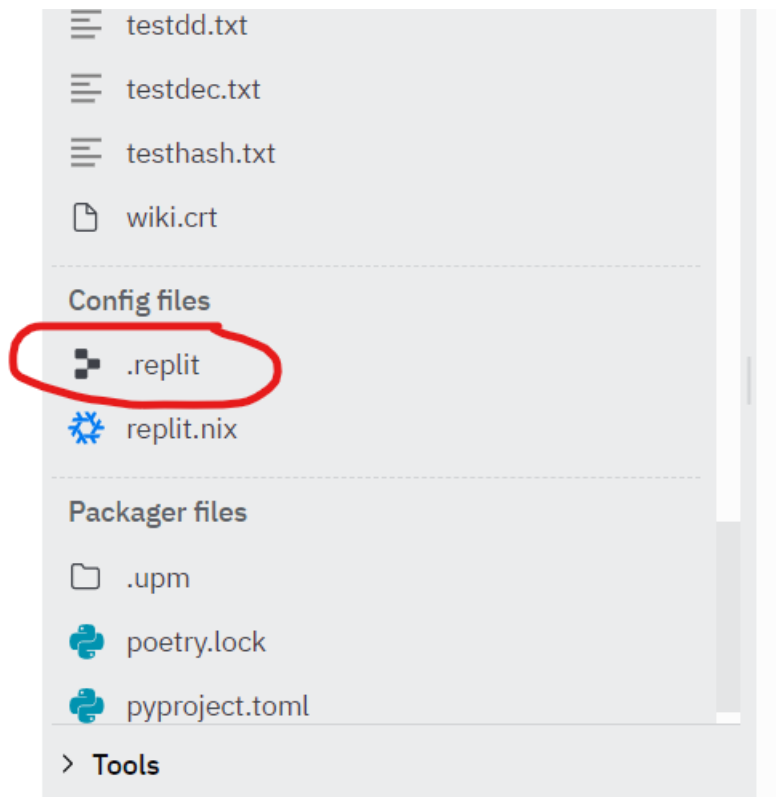
When you do that, output will be displayed on **Terminal**.

### 2) Option 2 : Use the Run button of Replit

Display the hidden files in the repl files explorer as follows :



A hidden file named “.replit” will be shown in the config files section as follows :



Open that file and change the following lines :

```
run = ["python3", "main.py"]
```

```
entrypoint = "main.py"
```

by

```
run = ["python3", "name-of-the-lab-file.py"]
```

```
entrypoint = " name-of-the-lab-file.py"
```

```
.replit × +
1 # The command that runs the program.
2 run = ["python3", "main.py"]
3 # The primary language of the repl. There can
  be others, though!
4 language = "python3"
5 # The main file, which will be shown by default
  in the editor.
6 entrypoint = "main.py"
7 # A list of globs that specify which files and
  directories should
```

For example if I want to test Lab5B I will do those changes in .replit file :

```
.replit × +
1 # The command that runs the program.
2 run = ["python3", "lab5B.py"]
3 # The primary language of the repl. There
  be others, though!
4 language = "python3"
5 # The main file, which will be shown by de
  in the editor.
6 entrypoint = "lab5B.py"
7 # A list of globs that specify which files
  directories should
8 # be hidden in the workspace
```

When you hit the button “Run” , output will be displayed on **console**