

# Hashes em Python

+ Como agora usamos o python3, fiz adaptações necessárias

```
(root@DESKTOP-NJHHNK6)-[/home/kali]
# python3
Python 3.11.7 (main, Dec 8 2023, 14:22:46) [GCC 13.2.0] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> import hashlib
>>> hashlib.md5("Catulinho").hexdigest()
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
TypeError: Strings must be encoded before hashing
>>> texto = "Catulinho"
>>> hashlib.md5(texto.encode()).hexdigest()
'dc71d75cef9977f48989d6c6466ba9fb'
>>>
KeyboardInterrupt
>>>
zsh: suspended python3 5579a1f06e6f0c17fab205fa78f4e2d49b0db0d04025db6c06

(root@DESKTOP-NJHHNK6)-[/home/kali]
# echo -n Catulinho | md5sum
dc71d75cef9977f48989d6c6466ba9fb -
```

```
import hashlib
texto = "Catulinho"
hashlib.md5(texto.encode()).hexdigest()
```

→ se quisermos mudar para outro, basta escolher hashlib.sha1 ou outros