

Base64 com Python

+ Novamente, fizemos as mudanças necessárias para python3

```
└─# 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 base64
>>> texto = "desec"
>>> base64.b64encode(texto)
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
  File "/usr/lib/python3.11/base64.py", line 58, in b64encode
    encoded = binascii.b2a_base64(s, newline=False)
               ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
TypeError: a bytes-like object is required, not 'str'
>>> base64.b64encode(texto.encode())
b'ZGVzZWM='
>>> base64.64encode(texto.encode())
File "<stdin>", line 1
    base64.64encode(texto.encode())
          ^
SyntaxError: invalid decimal literal
>>> texto2 = "ZGVzZWM="
>>> base64.b64decode(texto.encode())
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
  File "/usr/lib/python3.11/base64.py", line 88, in b64decode
    return binascii.a2b_base64(s, strict_mode=validate)
           ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
binascii.Error: Invalid base64-encoded string: number of data characters (14)
cannot be a multiple of 4
>>> base64.b64decode(texto2.encode())
b'desec'
```

```
import base64
texto = "desec"
base64.b64encode(texto.encode())
```

→ retorna o b'ZGVzZWM=' como resposta, em que o hash está entre as aspas

Para decodificar:

```
texto2 = "ZGVzZWM="
base64.b64decode(texto2.encode())
```