

1NSI	PROGRAMMATION	S2
	Introduction à la programmation en Python ANNEXES - Mise en oeuvre	

I. ANNEXES PROGRAMMATION PYTHON :

I.A interpréteur Python

- 1 Thonny (sous Linux)
- 2 EduPython (sous Windows)
- 3 mycompiler.io (en ligne)
- 4 SpyderIDE à installer
- 5 IDE : Visual Studio Code, PyCharm, VIM

I.B Exemple sous Thonny

The screenshot shows the Thonny IDE interface. The top window displays a Python script named `NSI_ex6.py`. The script uses a `while` loop to count down from 5 seconds, printing the remaining time and sleeping for 1 second. It prompts the user to either continue or stop the process. The bottom window, labeled 'Shell', shows the output of the script: a countdown from 5 seconds to 1 second, followed by the prompt 'Voulez-vous recommencer? Taper "oui" dans ce cas', where the user has entered 'oui'.

```

Thonny - /home/cgil/Bureau/Dev/dev_python/NSI_ex6.py @ 8:15
File Edit View Run Tools Help

NSI_ex6.py
import time
reponse="oui"
while reponse=="oui":
    n=5
    s=" secondes"
    for i in range (0,n):
        print(n,s)
        n=n-1
        time.sleep(1)
        if n==1:
            s=" seconde"
    print("Stop.")
    reponse = input('Voulez-vous recommencer? Taper "oui" dans ce cas ')
print("Au revoir")

Shell
Stop.
Voulez-vous recommencer? Taper "oui" dans ce cas  oui
5 secondes
4 secondes
3 secondes
2 secondes
1 seconde
Stop.
Voulez-vous recommencer? Taper "oui" dans ce cas

```