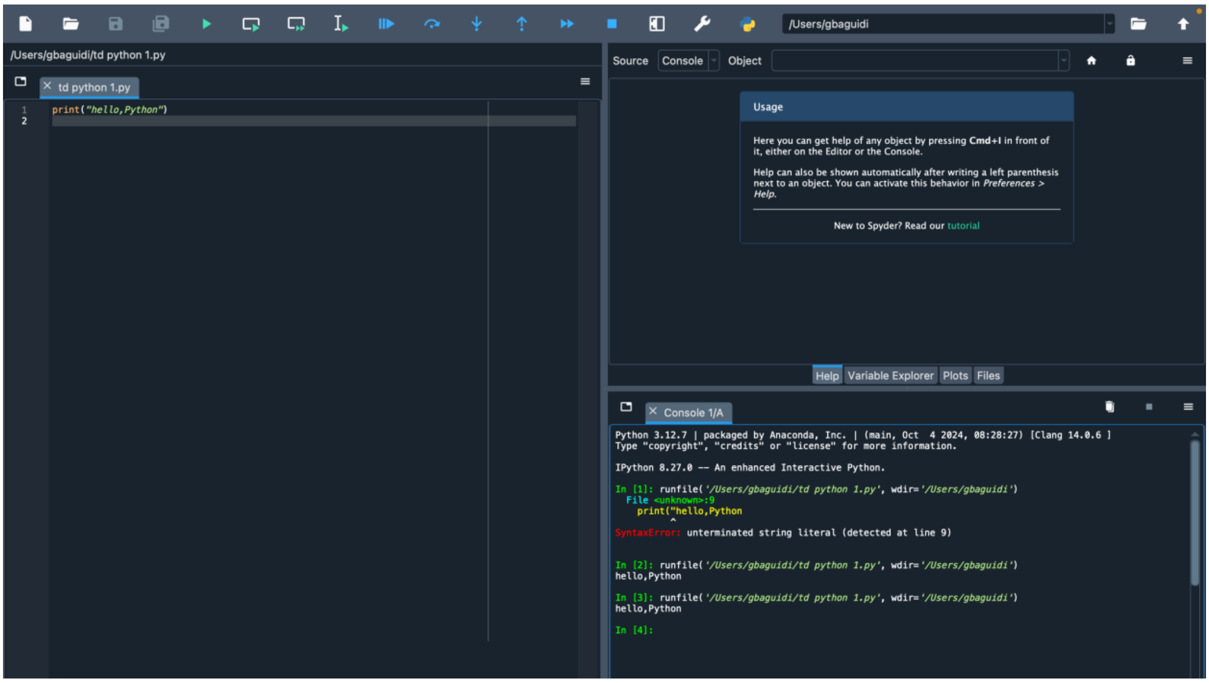
TP Python

Exercice 1 :

Écriture hello python .



```python
print("hello,Python")
```

Usage

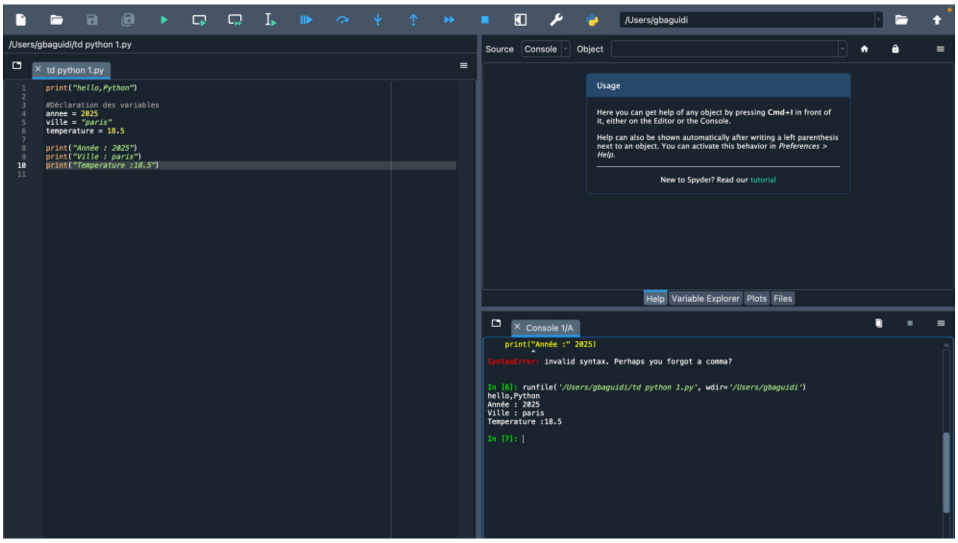
Here you can get help of any object by pressing **Cmd+I** in front of it, either on the Editor or the Console.

Help can also be shown automatically after writing a left parenthesis next to an object. You can activate this behavior in *Preferences > Help*.

New to Spyder? Read our tutorial

```
Python 3.12.7 | packaged by Anaconda, Inc. | (main, Oct  4 2024, 08:28:27) [Clang 14.0.6 ]
Type "copyright", "credits" or "license" for more information.

IPython 8.27.0 -- An enhanced Interactive Python.

In [1]: runfile('/Users/gbaguidi/td python 1.py', wdir='/Users/gbaguidi')
  File <unknown>:9
    print("hello,Python
          ^
SyntaxError: unterminated string literal (detected at line 9)


In [2]: runfile('/Users/gbaguidi/td python 1.py', wdir='/Users/gbaguidi')
hello,Python

In [3]: runfile('/Users/gbaguidi/td python 1.py', wdir='/Users/gbaguidi')
hello,Python

In [4]:
```

ci-joint écriture des variables avec leur affichage .



```python
print("hello,Python")

#Déclaration des variables
annee = 2025
ville = "paris"
temperature = 18.5

print("Année : 2025")
print("Ville : paris")
print("Temperature :18.5")
```

Usage

Here you can get help of any object by pressing **Cmd+I** in front of it, either on the Editor or the Console.

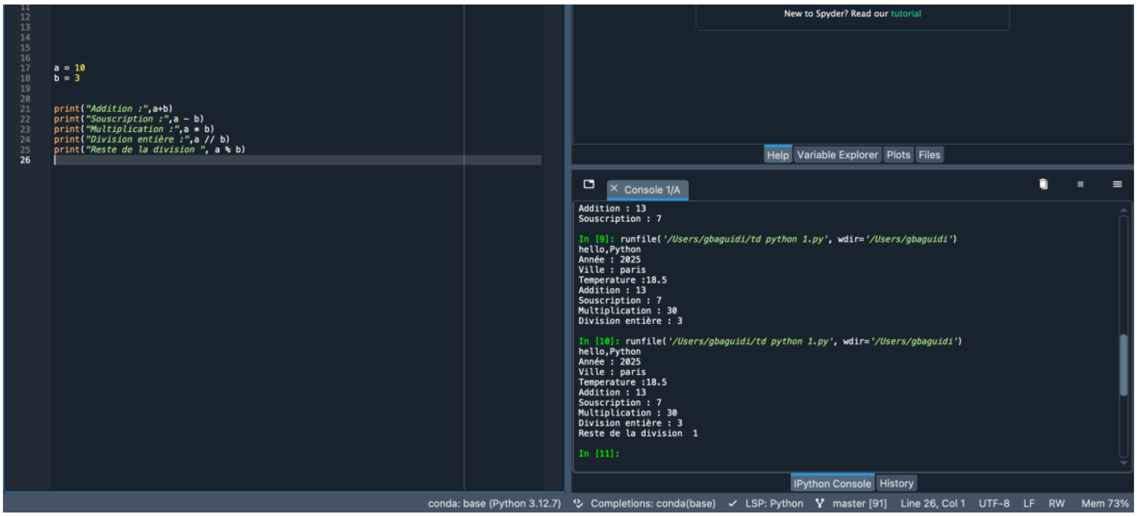
Help can also be shown automatically after writing a left parenthesis next to an object. You can activate this behavior in *Preferences > Help*.

New to Spyder? Read our tutorial

```
    print("Année :" 2025)
          ^
SyntaxError: invalid syntax. Perhaps you forgot a comma?


In [6]: runfile('/Users/gbaguidi/td python 1.py', wdir='/Users/gbaguidi')
hello,Python
Année : 2025
Ville : paris
Temperature :18.5

In [7]: |
```

Exercices 2 :

ci-joint un ensemble d’opération d’arithmétiques avec deux variables .



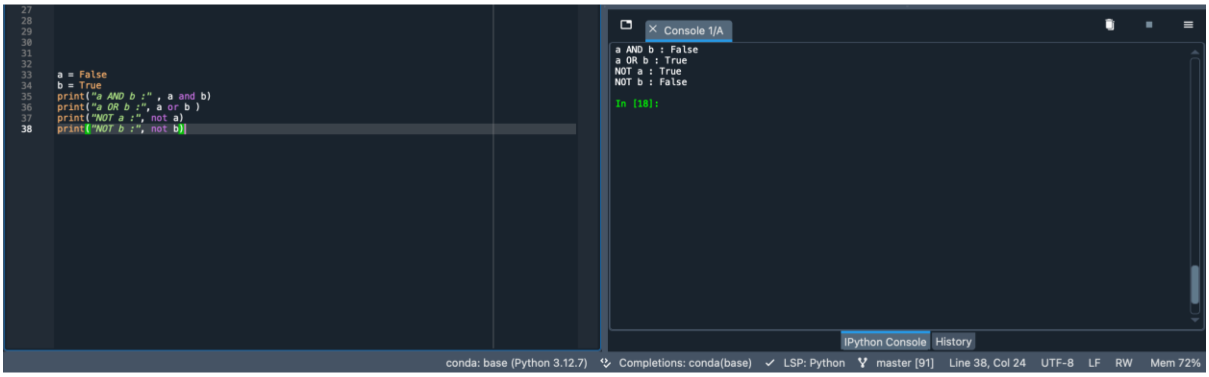
New to Spyder? Read our tutorial

```python
a = 10
b = 3


print("Addition :",a+b)
print("Souscription :",a - b)
print("Multiplication :",a * b)
print("Division entière :",a // b)
print("Reste de la division ", a % b)
```

```
Addition : 13
Souscription : 7

In [9]: runfile('/Users/gbaguidi/td python 1.py', wdir='/Users/gbaguidi')
hello,Python
Année : 2025
Ville : paris
Temperature :18.5
Addition : 13
Souscription : 7
Multiplication : 30
Division entière : 3

In [10]: runfile('/Users/gbaguidi/td python 1.py', wdir='/Users/gbaguidi')
hello,Python
Année : 2025
Ville : paris
Temperature :18.5
Addition : 13
Souscription : 7
Multiplication : 30
Division entière : 3
Reste de la division  1

In [11]:
```

Exercices 3 :

Ci-joint la suite d’opération logique avec deux variables booléennes .

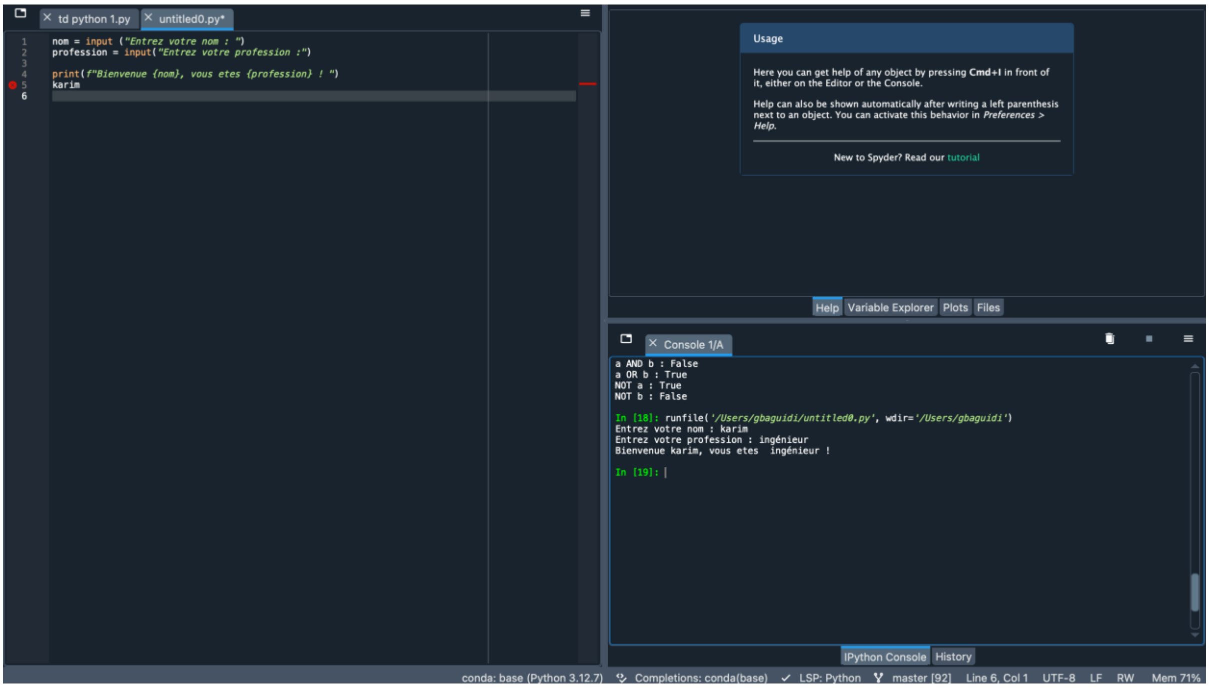


```python
a = False
b = True
print("a AND b :" , a and b)
print("a OR b :", a or b )
print("NOT a :", not a)
print("NOT b :", not b)
```

```
a AND b : False
a OR b : True
NOT a : True
NOT b : False

In [18]:
```

Exercices 4 :

ci-joint des entrées et affichages pour demander des données a un utilisateur .



```python
nom = input ("Entrez votre nom : ")
profession = input("Entrez votre profession :")

print(f"Bienvenue {nom}, vous etes {profession} ! ")
karim

```

Usage

Here you can get help of any object by pressing **Cmd+I** in front of it, either on the Editor or the Console.

Help can also be shown automatically after writing a left parenthesis next to an object. You can activate this behavior in *Preferences > Help.*

New to Spyder? Read our tutorial

```
a AND b : False
a OR b : True
NOT a : True
NOT b : False

In [18]: runfile('/Users/gbaguidi/untitled0.py', wdir='/Users/gbaguidi')
Entrez votre nom : karim
Entrez votre profession : ingénieur
Bienvenue karim, vous etes  ingénieur !

In [19]: |
```