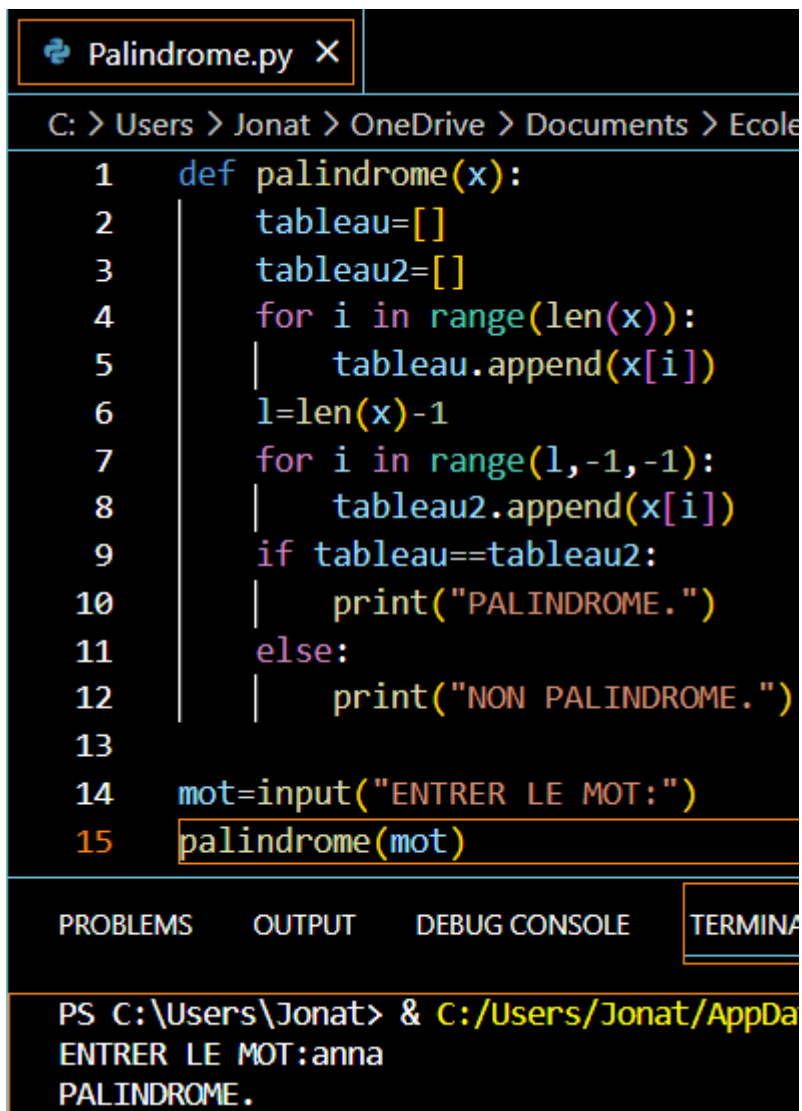


-Créer un programme en C et/ou en python en utilisant des tests(if),boucles,fonctions,tableaux



The screenshot shows a Python IDE with a file named 'Palindrome.py'. The code defines a function 'palindrome(x)' that checks if a string is a palindrome by comparing characters from both ends. It uses two lists, 'tableau' and 'tableau2', to store the characters. The function prints 'PALINDROME.' if the string is a palindrome and 'NON PALINDROME.' otherwise. The main part of the program prompts the user to enter a word and calls the 'palindrome' function.

```
1 def palindrome(x):
2     tableau=[]
3     tableau2=[]
4     for i in range(len(x)):
5         tableau.append(x[i])
6     l=len(x)-1
7     for i in range(l,-1,-1):
8         tableau2.append(x[i])
9     if tableau==tableau2:
10        print("PALINDROME.")
11    else:
12        print("NON PALINDROME.")
13
14    mot=input("ENTRER LE MOT:")
15    palindrome(mot)
```

The terminal output shows the program being executed from the command prompt. The user enters 'anna', and the program outputs 'PALINDROME.'.

```
PS C:\Users\Jonat> & C:/Users/Jonat/AppData/Local/Programs/Python/Python39-64/Python.exe C:/Users/Jonat/OneDrive/Documents/Ecole/Palindrome.py
ENTRER LE MOT:anna
PALINDROME.
```

-Créer un programme en C et/ou en python manipulant des fichiers
“texte”

```
1 nmots=int(input("COMBIEN DE MOTS VOULEZ VOUS ENTRER ? "))
2 f=open('fichier.txt','w')
3 f=open('fichier.txt','a+')
4 for i in range(nmots):
5     mot=input(f"MOT {i+1}: ")
6     f.write(mot)
7     f.write("\n")
8 f.close()
9 f=open('fichier.txt','r')
10 print(f.read())
11 f.close()
```