

## PRACTICAL :7

AIM: check the given input is palindrome or not

# CODE:

```
n=int(input("Enter number:"))

temp=n

rev=0

while(n>0):

    dig=n%10

    rev=rev*10+dig

    n=n//10

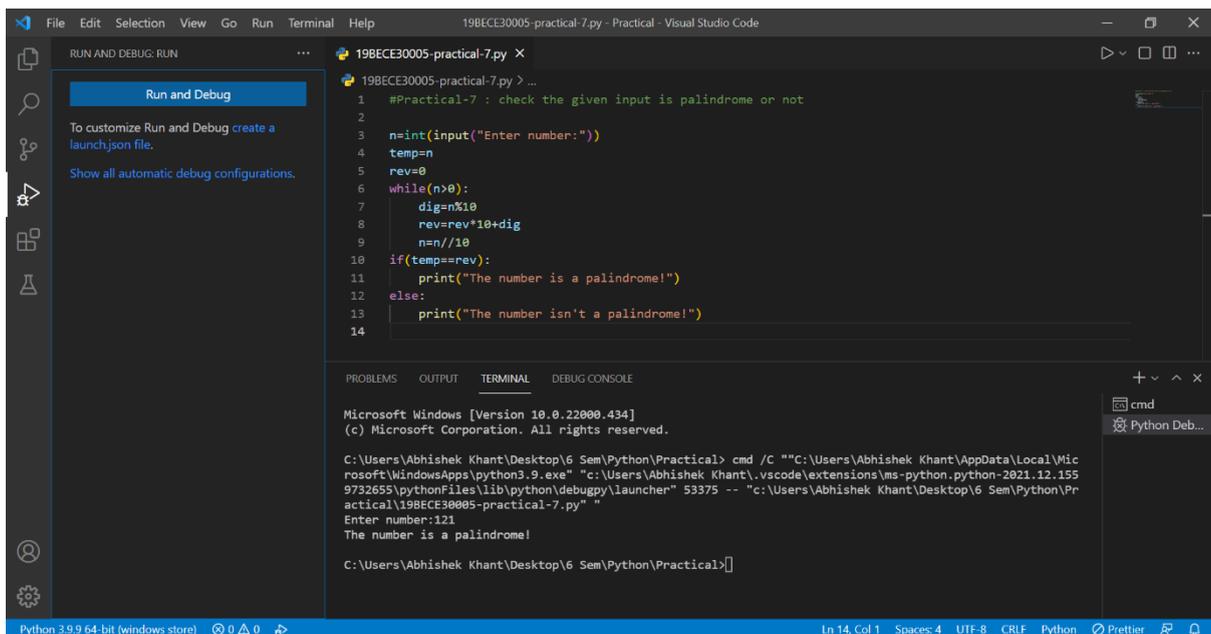
if(temp==rev):

    print("The number is a palindrome!")

else:

    print("The number isn't a palindrome!")
```

OUTPUT :



The screenshot displays the Visual Studio Code interface. The editor window shows a Python file named '19BECE30005-practical-7.py' with the following code:

```
1 #Practical-7 : check the given input is palindrome or not
2
3 n=int(input("Enter number:"))
4 temp=n
5 rev=0
6 while(n>0):
7     dig=n%10
8     rev=rev*10+dig
9     n=n//10
10 if(temp==rev):
11     print("The number is a palindrome!")
12 else:
13     print("The number isn't a palindrome!")
14
```

The terminal window shows the execution of the script. The user enters '121' as input, and the program outputs 'The number is a palindrome!'.

```
Microsoft Windows [Version 10.0.22000.434]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Abhishek Khant\Desktop\6 Sem\Python\Practical> cmd /C ""C:\Users\Abhishek Khant\AppData\Local\Microsoft\WindowsApps\python3.9.exe" "c:\Users\Abhishek Khant\.vscode\extensions\ms-python.python-2021.12.155\9732655\pythonFiles\lib\python\debugpy\launcher" 53375 -- "c:\Users\Abhishek Khant\Desktop\6 Sem\Python\Practical\19BECE30005-practical-7.py"
Enter number:121
The number is a palindrome!

C:\Users\Abhishek Khant\Desktop\6 Sem\Python\Practical>
```