

Visual Studio Code interface showing a Python script execution.

File Explorer:

- PYTHON
- work
 - wrk1.py
 - demo.py

Code Editor (wrk1.py):

```
1 li=[1,2,7,10,43,55,8]
2 even=0
3 odd=0
4 for x in li:
5     if x % 2==0:
6         even=even+1
7     else:
8         odd=odd+1
9 print("even count in the list:", even)
10 print("odd count in the in list:", odd)
11
12
```

Terminal:

```
PS C:\Users\hp\OneDrive\Desktop\python_ > & C:/Users/hp/AppData/Local/Programs/Python/Python36/python.exe c:/Users/hp/OneDrive/Desktop/python_/work/wrk1.py
even count in the list: 3
odd count in the in list: 4
PS C:\Users\hp\OneDrive\Desktop\python_ >
```

Outline:

- TIMELINE wrk1.py
 - File Saved now
 - File Saved
 - File Saved 55 secs
 - File Saved 1 min
 - File Saved 3 mins

System Tray:

- 25°C Partly sunny
- Search
- Ln 1, Col 21 Spaces: 4 UTF-8 CRLF Python 3.6.8 64-bit Go Live
- 14:36 30-06-2023

File Edit Selection View Go Run Terminal Help

wrk2.py - python_ - Visual Studio Code

demo.py wrk1.py wrk2.py

work > wrk2.py > ...

```
1 num=int(input("enter a number:"))
2 if num % 2 == 0:
3     print(" number is even")
4 else:
5     print(" number is odd")
6
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

PS C:\Users\hp\OneDrive\Desktop\python_ > & C:/Users/hp/AppData/Local/Programs/Python/Python36/python.exe c:/Users/hp/OneDrive/Desktop/python_/work/wrk2.py
enter a number:8
number is even
PS C:\Users\hp\OneDrive\Desktop\python_ > & C:/Users/hp/AppData/Local/Programs/Python/Python36/python.exe c:/Users/hp/OneDrive/Desktop/python_/work/wrk2.py
enter a number:11
number is odd
PS C:\Users\hp\OneDrive\Desktop\python_ > |

OUTLINE

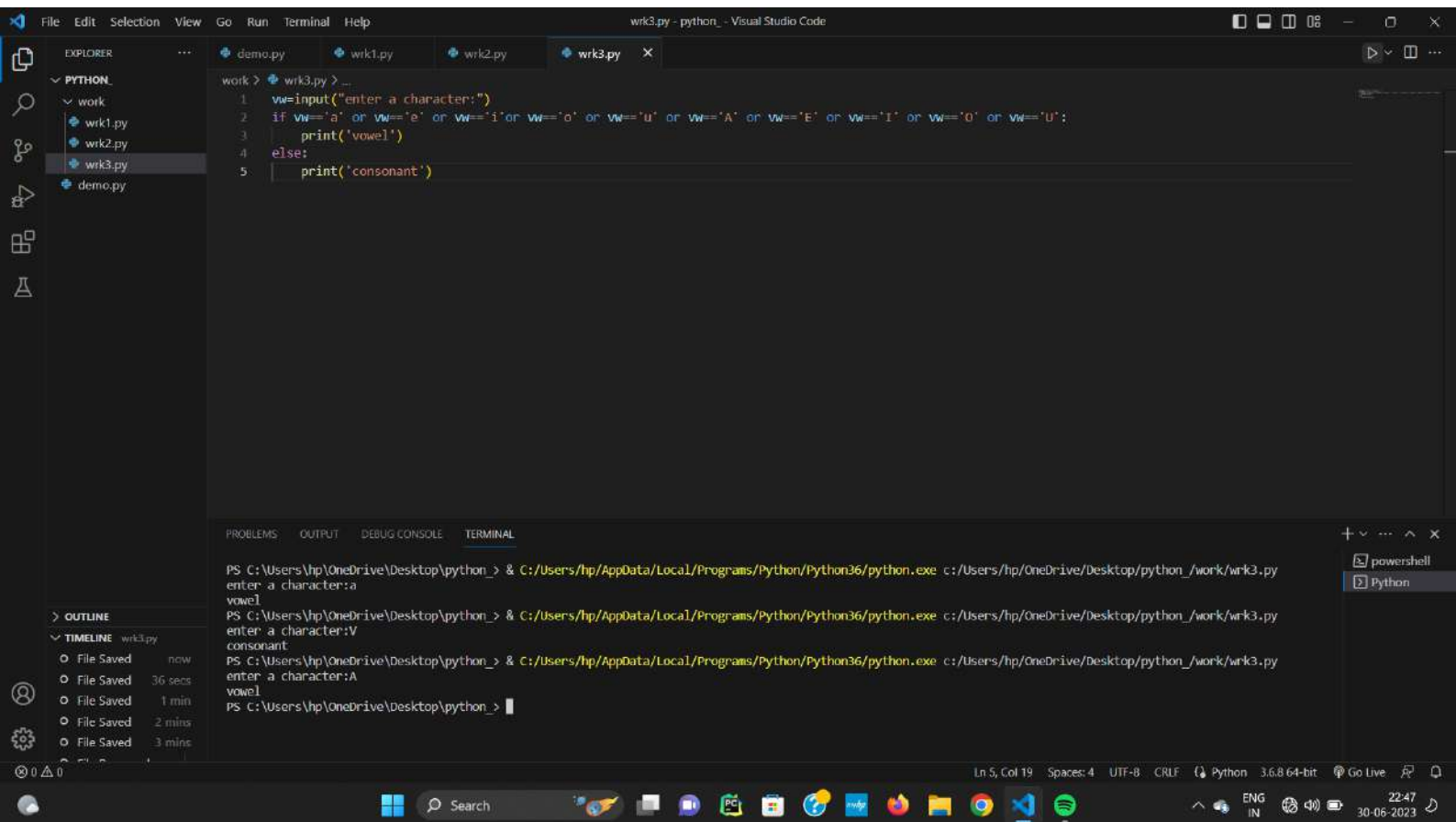
work

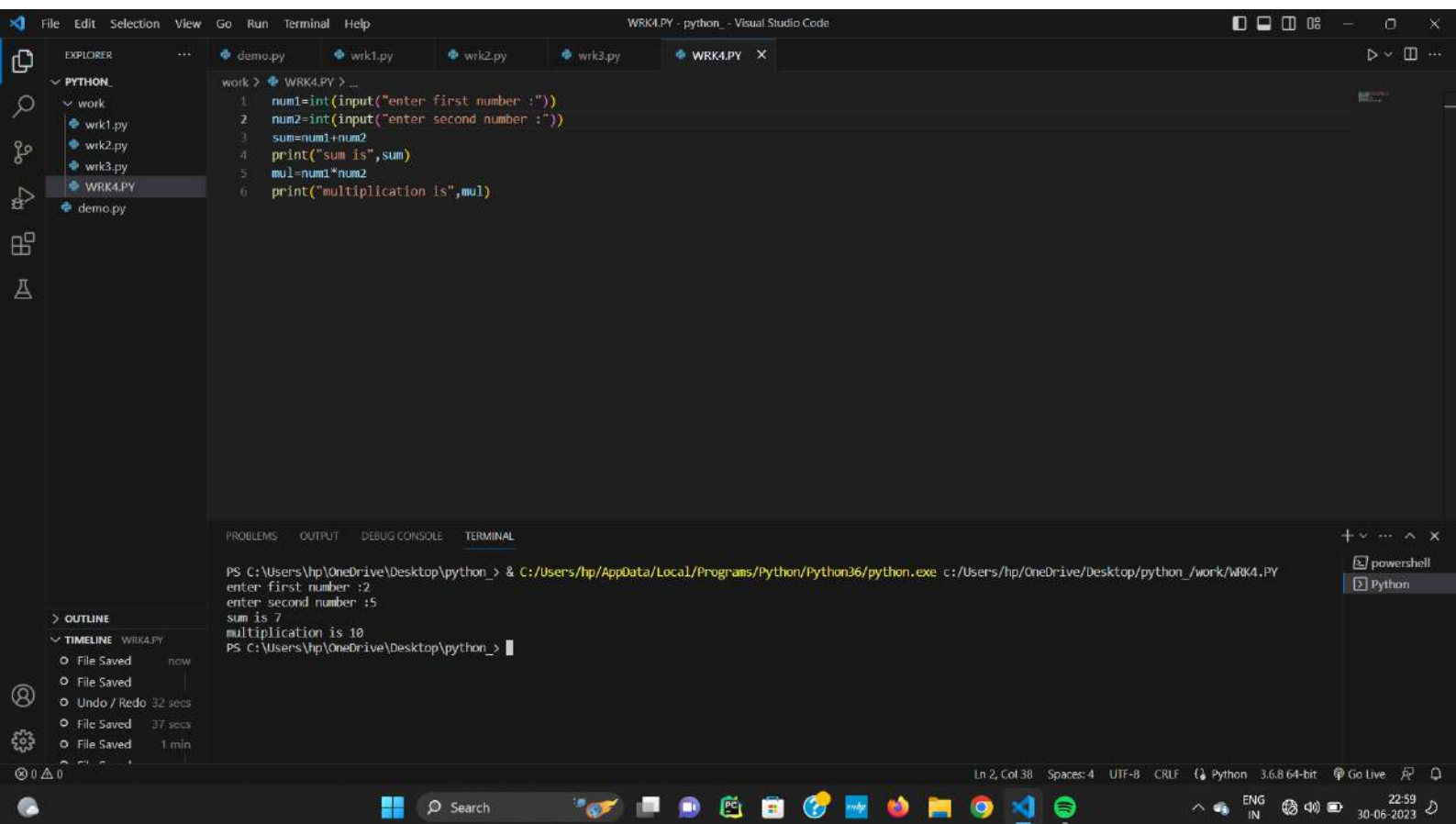
- File Saved now
- File Saved
- File Saved 1 min
- File Saved 2 mins
- File Saved 3 mins

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Ln 5, Col 19 Spaces: 4 UTF-8 CRLF Python 3.6.8 64-bit Go Live

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wrk5.py - python_ - Visual Studio Code

demo.py wrk1.py wrk2.py wrk3.py WRK4.PY wrk5.py

PYTHON

work

- wrk1.py
- wrk2.py
- wrk3.py
- WRK4.PY
- wrk5.py
- demo.py

```
1 pnum=0
2 for i in range(1,11):
3     sum=pnum+i
4     print("Current Number is :",i," Previous Number is :",pnum," Sum is :",sum)
5     pnum=i
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

PS C:\Users\hp\OneDrive\Desktop\python_ > & C:/Users/hp/AppData/Local/Programs/Python/Python36/python.exe c:/Users/hp/OneDrive/Desktop/python_/work/wrk5.py

Current Number is : 1 Previous Number is : 0 Sum is : 1
Current Number is : 2 Previous Number is : 1 Sum is : 3
Current Number is : 3 Previous Number is : 2 Sum is : 5
Current Number is : 4 Previous Number is : 3 Sum is : 7
Current Number is : 5 Previous Number is : 4 Sum is : 9
Current Number is : 6 Previous Number is : 5 Sum is : 11
Current Number is : 7 Previous Number is : 6 Sum is : 13
Current Number is : 8 Previous Number is : 7 Sum is : 15
Current Number is : 9 Previous Number is : 8 Sum is : 17
Current Number is : 10 Previous Number is : 9 Sum is : 19
PS C:\Users\hp\OneDrive\Desktop\python_ >

OUTLINE

TIMELINE wrk5.py

- File Saved now
- File Saved 3 mins
- File Saved
- File Saved 4 mins

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File Edit Selection View Go Run Terminal Help

wrk6.py - python - Visual Studio Code

EXPLORER

- PYTHON
- work
 - wrk1.py
 - wrk2.py
 - wrk3.py
 - WRK4.PY
 - wrk5.py
 - wrk6.py
 - demo.py

work > wrk6.py > ...

```
1 num=int(input("enter a number :"))
2 temp=num
3 rev=0
4 while(num>0):
5     n=num % 10
6     rev=rev * 10 + n
7     num=num // 10
8 if (temp==rev):
9     print("number is palindrome")
10 else:
11     print("not a palindrome")
12
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

PS C:\Users\hp\OneDrive\Desktop\python_ > & C:/Users/hp/AppData/Local/Programs/Python/Python36/python.exe c:/Users/hp/OneDrive/Desktop/python_/work/wrk6.py
enter a number :368
not a palindrome
PS C:\Users\hp\OneDrive\Desktop\python_ > & C:/Users/hp/AppData/Local/Programs/Python/Python36/python.exe c:/Users/hp/OneDrive/Desktop/python_/work/wrk6.py
enter a number :1221
number is palindrome
PS C:\Users\hp\OneDrive\Desktop\python_ > |

OUTLINE

TIMELINE wrk6.py

- File Saved now
- File Saved 40 secs
- File Saved 1 min
- File Saved
- File Saved 2 mins

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Ln 11, Col 5 Spaces: 4 UTF-8 CRLF Python 3.6.8 64-bit Go Live

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File Edit Selection View Go Run Terminal Help

wrk7.py - python_ - Visual Studio Code

EXPLORER

- PYTHON
- work
 - wrk1.py
 - wrk2.py
 - wrk3.py
 - WRK4.PY
 - wrk5.py
 - wrk6.py
 - wrk7.py
 - demo.py

work > wrk7.py > ...

```
1 list1=[2,1,8,5,10,11]
2 list2=[4,13,19,22,58]
3 list3=[]
4 for i in list1:
5     if i%2!=0:
6         list3.append(i)
7 for i in list2:
8     if i%2==0:
9         list3.append(i)
10 print(list3)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

PS C:\Users\hp\OneDrive\Desktop\python_ > & C:/Users/hp/AppData/Local/Programs/Python/Python36/python.exe c:/Users/hp/OneDrive/Desktop/python_/work/wrk7.py
[1, 5, 11, 4, 22, 58]
PS C:\Users\hp\OneDrive\Desktop\python_ >

OUTLINE

TIMELINE wrk7.py

- File Saved now
- File Saved 1 min
- File Saved 2 mins
- File Saved 3 mins
- File Saved

31°C Partly sunny

Search

Ln 2, Col 21 Spaces: 4 UTF-8 CRLF Python 3.6.8 64-bit Go Live

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