

EXPLORER

AGILETRIBERS-INTERNSHIP

Sprint1

Sprint2 \ Python_Programming_Task_Pra...

breakandcontinue.py

breakinloop.py

continue.py

globvari.py

listtoset.py

loc&globscope.py

locscope.py

return.py

setwork.py

tupandset.py

tuplework.py

tupsetlist.py

breakandcontinue.py

tupsetlist.py

locscope.py

globvari.py

loc&globscope.py

tuplework.py

setwork.py

tupandset.py

Sprint2 > Python_Programming_Task_Practice - 1 > breakandcontinue.py > ...

```
1 sum=0
2 while True:
3     num=int(input("Enter the number: "))
4     if num<0:
5         continue
6     elif num==0:
7         break
8     sum+=num
9
10 print("The sum of the numbers is", sum)
11
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint2/python_Programming_Task_Practice - 1/breakandcontinue.py"

Enter the number: 10

Enter the number: 20

Enter the number: 0

The sum of the numbers is 30

PS D:\AgileTribers-Internship>

Python

Python

Python

OUTLINE

TIMELINE

main

0 0 0

ndhineshkumar (8 minutes ago)

Ln 10, Col 40

Spaces: 4

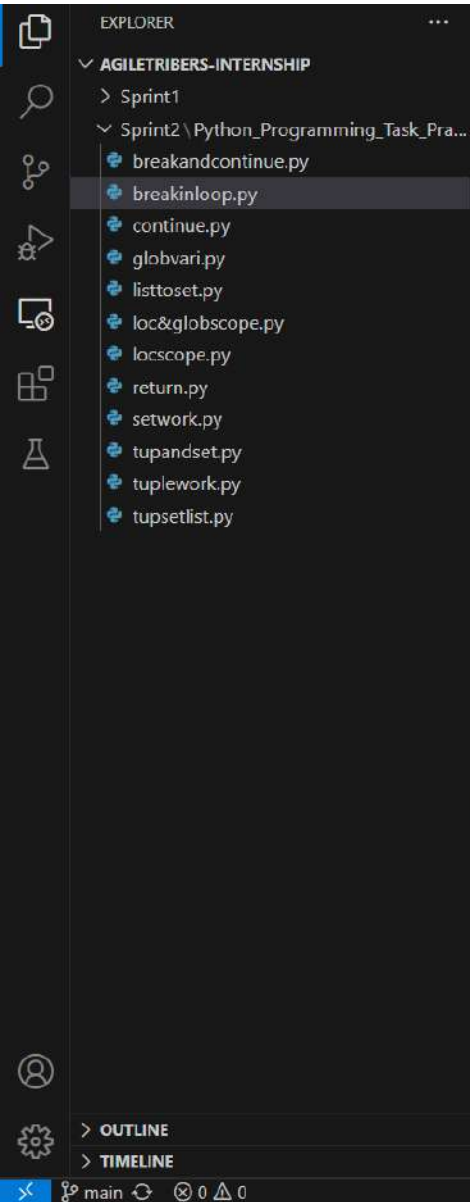
UTF-8

CRLF

{ } Python

3.13.1 64-bit

Go Live



breakinloop.py X continue.py breakandcontinue.py tupsetlist.py locscope.py globvari.py loc&globscope.py tuplework.py ▸ ▾ □ ...

PROBLEMS OUTPUT DEBUG CONSOLE **TERMINAL** PORTS

Python + - [] [] ... ^ X

PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint2/Python_Programming_Task_Practice - 1/breakinloop.py"
Enter the number: 10
The cube of 10 is 1000
Enter the number: -5
PS D:\AgileTribers-Internship>

ndhineshkumaar (8 minutes ago) Ln 6, Col 49 Spaces: 4 UTF-8 CRLF { } Python 3.13.1 64-bit Go Live

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AgileTribers-Internship

EXPLORER

- AGILETRIBERS-INTERNSHIP
 - Sprint1
 - Sprint2\Python_Programming_Task_Pra...
 - breakandcontinue.py
 - breakinloop.py
 - continue.py
 - globvari.py
 - listtoset.py
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 - locscope.py
 - return.py
 - setwork.py
 - tupandset.py
 - tuplework.py
 - tupsetlist.py

breakinloop.py continue.py breakandcontinue.py tupsetlist.py locscope.py globvari.py loc&globscope.py tuplework.py

Sprint2 > Python_Programming_Task_Practice - 1 > continue.py > ...

```
1 for i in range(1,21):
2     if i % 2 == 0:
3         print(i)
4     else:
5         continue
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python + -

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint2/Python_Programming_Task_Practice - 1/continue.py"
2
4
6
8
10
12
14
16
18
20
PS D:\AgileTribers-Internship>
```

main 0 0 0

ndhineshkumar (9 minutes ago) Ln 5, Col 17 Spaces: 4 UTF-8 CRLF {} Python 3.13.1 64-bit Go Live

EXPLORER

AGILETRIBERS-INTERNSHIP

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tupsetlist.py

breakinloop.py

continue.py

breakandcontinue.py

tupsetlist.py

locscope.py

globvari.py X

loc&globscope.py

tuplework.py

Sprint2 > Python_Programming_Task_Practice - 1 > globvari.py > ...

1 counter =0

2 def Increment():

3 global counter

4 counter+=1

5 return counter

6

7

8

9 print(Increment())

10 print(Increment())

11 print(Increment())

12 print(Increment())

13 print(Increment())

14 print(Increment())

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

Python + ~ [] [X] ... ^ X

● PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint2/Python_Programming_Task_Practice - 1/globvari.py"

1

2

3

4

5

6

○ PS D:\AgileTribers-Internship>

OUTLINE

TIMELINE

main

0 0 0

ndhineshkumar (9 minutes ago)

Ln 7, Col 1

Spaces: 4

UTF-8

CRLF

{ } Python

3.13.1 64-bit

Go Live

FileEditSelectionViewGoRunTerminalHelp

AgileTribers-Internship

EXPLORER

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tuplework.py

tupsetlist.py

listtoset.py

listtoset.py

Sprint2 > Python_Programming_Task_Practice - 1 > listtoset.py > ...

1 list1=[2,3,4,5,3,6,5,4,5,4,5,1,3]

2 set1=set(list1)

3

4 print(set1)

5

6 set2={2,5,4,1,9,3,2}

7

8 print("Unique Elements from Original Set:",set1-set2)

9

10 print("Common Elements from Both Set:",set1 & set2)

11

12 print("All Elements from Both Set:",set1 | set2)

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

Python

PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint2/Python_Programming_Task_Practice - 1/listtoset.py"

• {1, 2, 3, 4, 5, 6}

Unique Elements from Original Set: {6}

Common Elements from Both Set: {1, 2, 3, 4, 5}

All Elements from Both Set: {1, 2, 3, 4, 5, 6, 9}

○ PS D:\AgileTribers-Internship>

main

ndhineshkumaar (9 minutes ago)

Ln 12, Col 43

Spaces: 4

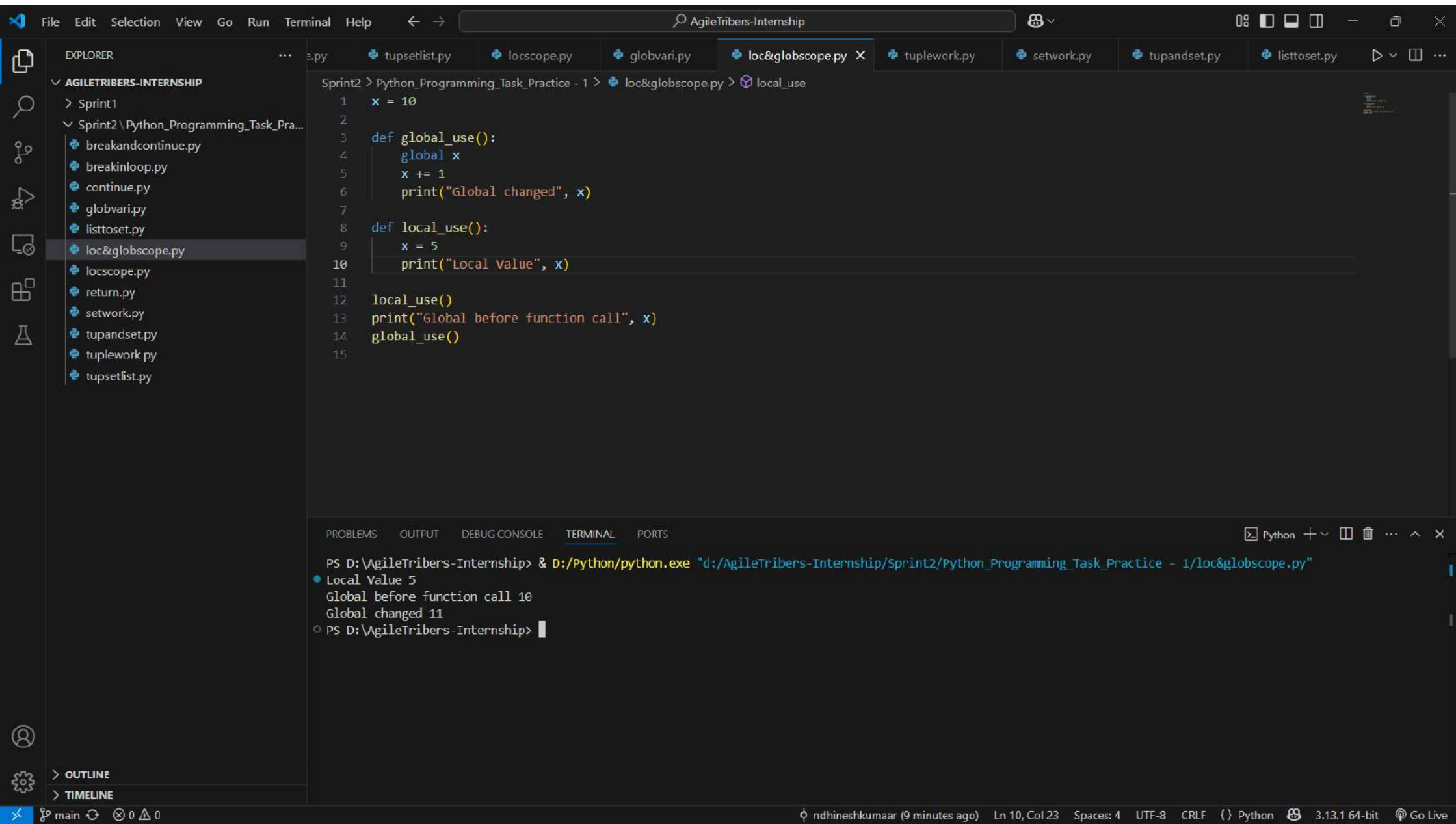
UTF-8

CRLF

{ } Python

3.13.1 64-bit

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AgileTribers-Internship

EXPLORER

- AGILETRIBERS-INTERNSHIP
 - Sprint1
 - Sprint2\Python_Programming_Task_Practice
 - breakandcontinue.py
 - breakinloop.py
 - continue.py
 - globvari.py
 - listtoset.py
 - loc&globscope.py
 - locscope.py** 1
 - return.py
 - setwork.py
 - tupandset.py
 - tuplework.py
 - tupsetlist.py

Sprint2 > Python_Programming_Task_Practice - 1 > locscope.py > ...

```
1 def square():
2     num= int(input("Enter a number: "))
3     square = num ** 2
4     print("The square of", num, "is", square)
5
6
7 square()
8 print("The square of", num, "is", square)
```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python + -

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint2/Python_Programming_Task_Practice - 1/locscope.py"
Enter a number: 25
The square of 25 is 625
Traceback (most recent call last):
  File "d:\AgileTribers-Internship\Sprint2\Python_Programming_Task_Practice - 1\locscope.py", line 8, in <module>
    print("The square of", num, "is", square)
    ^^^
NameError: name 'num' is not defined. Did you mean: 'sum'?
PS D:\AgileTribers-Internship>
```

> OUTLINE
> TIMELINE

main 0 1

ndhineshkumar (9 minutes ago) Ln 8, Col 42 Spaces: 4 UTF-8 CRLF {} Python 3.13.1 64-bit Go Live

File Edit Selection View Go Run Terminal Help

AgileTribers-Internship

EXPLORER

- AGILETRIBERS-INTERNSHIP
 - Sprint1
 - Sprint2\Python_Programming_Task_Practice
 - breakandcontinue.py
 - breakinloop.py
 - continue.py
 - globvari.py
 - listtoset.py
 - loc&globscope.py
 - locscope.py 1
 - return.py
 - setwork.py
 - tupandset.py
 - tuplework.py
 - tupsetlist.py

return.py

```
1 def cube(n):
2     return n ** 3
3
4
5 num= int(input("Enter a number: "))
6 print("The cube of", num, "is", cube(num))
```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python + -

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint2/Python_Programming_Task_Practice - 1/return.py"
Enter a number: 25
The cube of 25 is 15625
PS D:\AgileTribers-Internship>
```

main 0 1

ndhineshkumar (10 minutes ago) Ln 6, Col 43 Spaces: 4 UTF-8 CRLF Python 3.13.1 64-bit Go Live

File Edit Selection View Go Run Terminal Help

AgileTribers-Internship

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 - Sprint1
 - Sprint2\Python_Programming-Ta...
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 - breakinloop.py
 - continue.py
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 - listtoset.py
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 - locscope.py 1
 - return.py
 - setwork.py
 - tupandset.py
 - tuplework.py
 - tupsetlist.py

continue.py breakandcontinue.py tupsetlist.py locscope.py 1 globvari.py loc&globscope.py tuplework.py setwork.py

Sprint2 > Python_Programming_Task_Practice - 1 > setwork.py > ...

```
1 set1= {5,6,7,8,3}
2 set2= {1,2,3,4,5}
3
4 print("Union : ", set1 | set2)
5 print("Intersection : ", set1 & set2)
6 print("Difference : ", set1 - set2)
7
8 set1.add(10)
9 print(set1)
10
11 set2.remove(5)
12 print(set2)
13
14 n=int(input("Enter the number to check on set1: "))
15 if n in set1:
16     print("Yes it is present")
17 else:
18     print("No it is not present")
```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python + -

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint2/Python_Programming_Task_Practice - 1/setwork.py"
Union : {1, 2, 3, 4, 5, 6, 7, 8}
Intersection : {3, 5}
Difference : {8, 6, 7}
{3, 5, 6, 7, 8, 10}
{1, 2, 3, 4}
Enter the number to check on set1: 5
Yes it is present
PS D:\AgileTribers-Internship>
```

main 0 1

ndhineshkumar (10 minutes ago) Ln 13, Col 1 Spaces: 4 UTF-8 CRLF {} Python 3.13.1 64-bit Go Live

File Edit Selection View Go Run Terminal Help

AgileTribers-Internship

EXPLORER

- AGILETRIBERS-INTERNSHIP
 - Sprint1
 - Sprint2\Python_Programming_Task_Practice
 - breakandcontinue.py
 - breakinloop.py
 - continue.py
 - globvari.py
 - listtoset.py
 - loc&globscope.py
 - locscope.py 1
 - return.py
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 - tupandset.py
 - tuplework.py
 - tupsetlist.py

Sprint2 > Python_Programming_Task_Practice - 1 > tupandset.py > ...

```
1 tup=(1,2,3,4,5)
2 print(tup[2])
3 set1= set(tup)
4 set1.add(6)
5 print(set1)
```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python + -

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint2/Python_Programming_Task_Practice - 1/tupandset.py"
3
{1, 2, 3, 4, 5, 6}
PS D:\AgileTribers-Internship>
```

main 0 1

ndhineshkumar (10 minutes ago) Ln 5, Col 12 Spaces: 4 UTF-8 CRLF Python 3.13.1 64-bit Go Live

File Edit Selection View Go Run Terminal Help

AgileTribers-Internship

EXPLORER

- AGILETRIBERS-INTERNSHIP
 - Sprint1
 - Sprint2\Python_Programming_Task_Practice
 - breakandcontinue.py
 - breakinloop.py
 - continue.py
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 - loc&globscope.py
 - locscope.py 1
 - return.py
 - setwork.py
 - tupandset.py
 - tuplework.py
 - tupsetlist.py

Sprint2 > Python_Programming_Task_Practice - 1 > tuplework.py > ...

```
1 fruit=("apple", "banana", "cherry")
2
3 print(fruit[1])
4
5 #Try modifying "banana" to "orange" and observe the result.
6 fruit[1]="orange"
7
8 fruit= list(fruit)
9 print(fruit)
10
11 fruit=tuple(fruit)
12 print(fruit)
```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python + -

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint2/Python_Programming_Task_Practice - 1/tuplework.py"
banana
Traceback (most recent call last):
  File "d:\AgileTribers-Internship\Sprint2\Python_Programming_Task_Practice - 1\tuplework.py", line 6, in <module>
    fruit[1]="orange"
    ~~~~~^~^~
TypeError: 'tuple' object does not support item assignment
PS D:\AgileTribers-Internship>
```

> OUTLINE
> TIMELINE

main 0 1

ndhineshkumaar (10 minutes ago) Ln 6, Col 1 Spaces: 4 UTF-8 CRLF Python 3.13.1 64-bit Go Live

File Edit Selection View Go Run Terminal Help

AgileTribers-Internship

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- AGILETRIBERS-INTERNSHIP
 - Sprint1
 - Sprint2\Python_Programming_Task_Practice
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 - tupsetlist.py

tupsetlist.py

```
Sprint2 > Python_Programming_Task_Practice - 1 > tupsetlist.py > ...
1 num_list = [10, 20, 30, 40, 50]
2 num_list.append(60)
3
4 tup=tuple(num_list)
5
6 print(tup)
7
8 set1=set(tup)
9
10 print(set1)
```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python + -

```
PS D:\AgileTribers-Internship> & D:/Python/python.exe "d:/AgileTribers-Internship/Sprint2/Python_Programming_Task_Practice - 1/tupsetlist.py"
(10, 20, 30, 40, 50, 60)
{40, 10, 50, 20, 60, 30}
PS D:\AgileTribers-Internship>
```

main 0 1

ndhineshkumar (11 minutes ago) Ln 10, Col 12 Spaces: 4 UTF-8 CRLF {} Python 3.13.1 64-bit Go Live