

File Edit Selection View Go Run ...

Abi.py

python > day8 > task > Abi.py > ...

```
30 width=float(input("Enter the width: "))
31 area=length * width
32 print("Area rectangle is:",area)
33
34 #task5
35 base=float(input("Enter the base of triangle:"))
36 height=float(input("Enter the height of triangle:"))
37 area= (base * height) / 2.
38 print("Area of triangle is:",area)
39
40
41
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS E:\Karka> cd python
PS E:\Karka\python> cd day8
PS E:\Karka\python\day8> cd task
PS E:\Karka\python\day8\task> python Abi.py
Enter the width:20
Area rectangle is: 200.0
PS E:\Karka\python\day8\task> python Abi.py
Enter the length:25
Enter the width:10
Area rectangle is: 250.0
Enter the base of triangle:
```

Ln 40, Col 1 Spaces: 4 UTF-8 CRLF Python 3.13.3

Edit with Copilot Agent Mode

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or type # to attach context

Add Context...

Edit files in your work:

Abi.py

A... 🔊 🔄 ▶

File Edit Selection View Go Run ...

Abi.py

python > day8 > task > Abi.py > ...

```
36 # height=float(input("Enter the height of triangle:"))
37 # area= (base * height) / 2.
38 # print("Area of triangle is:",area)
39
40
41 #task6
42 a=float(input("Enter a value :"))
43 b=float(input("Enter b value :"))
44 print("Addition:",a+b)
45 print("subtraction:",a-b)
46 print("multiplication:",a*b)
47 print("division:",a/b)
48
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
Traceback (most recent call last):
  File "E:\Karka\python\day8\task\Abi.py", line 41, in <module>
    task6
NameError: name 'task6' is not defined
PS E:\Karka\python\day8\task> python Abi.py
Enter a value :15
Enter b value :35
Addition: 50.0
subtraction: -20.0
multiplication: 525.0
division: 0.42857142857142855
PS E:\Karka\python\day8\task>
```

Ln 41, Col 2 Spaces: 4 UTF-8 CRLF Python 3.13.3

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Abi.py

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File Edit Selection View Go Run ...

python > day8 > task > Abi.py > ...

46 # print("multiplication:",a\*b)

47 # print("division:",a/b)

48

49 # task7

50 a=10

51 print("Assignment operator:",a)

52 a+=2

53 print("Addition Assignment operator:",a)

54 a-=5

55 print("subtraction Assignment operator:",a)

56 a\*=5

57 print("Multiplication Assignment operator:",a)

58 a/=5

59 print("Division Assignment operator:",a)

60

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

Assignment operator:

Addition Assignment operator: 12

subtraction Assignment operator: 7

Multiplication Assignment operator: 35

Division Assignment operator: 7.0

PS E:\Karka\python\day8\task> python Abi.py

Assignment operator: 10

Addition Assignment operator: 12

subtraction Assignment operator: 7

Multiplication Assignment operator: 35

Division Assignment operator: 7.0

PS E:\Karka\python\day8\task> |

Ln 51, Col 31 Spaces: 4 UTF-8 CRLF Python 3.13.3

File Edit Selection View Go Run ...

python > day8 > task > Abi.py > ...

61 #task8

62 increment=5

63 decrement=5

64 print("Increment:",increment)

65 print("Decrement:",decrement)

66 print("After modify")

67 increment+=2

68 decrement-=4

69 print("Increment:",increment)

70 print("Decrement:",decrement)

71

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

PS E:\Karka\python\day8\task> python Abi.py

Assignment operator: 10

Addition Assignment operator: 12

subtraction Assignment operator: 7

Multiplication Assignment operator: 35

Division Assignment operator: 7.0

Increment: 5

Decrement: 5

After modify

Increment: 7

Decrement: 1

PS E:\Karka\python\day8\task> |

Ln 71, Col 1 Spaces: 4 UTF-8 CRLF Python 3.13.3

Visual Studio Code interface showing a Python script named `Abi.py` being edited. The script contains logic for decrementing and incrementing variables `a` and `b`, and printing their values and comparisons.

```
71
72 #task9
73 a=30
74 b=50
75 a==b
76 print("a==b:",a==b)
77 print("a!=b:",a!=b)
78 print("a>b:",a>b)
79 print("a<b:",a<b)
80 print("a>=b:", a>=b)
81 print("a<=b:",a<=b)
82
83
```

The terminal output shows the execution of the script, displaying the results of the comparisons and the values of `a` and `b`.

```
Decrement: 5
After modify
Increment: 7
Decrement: 1
PS E:\Karka\python\day8\task> python Abi.py
a=b: False
a!=b: True
a>b: False
a<b: True
a>=b: False
a<=b: True
PS E:\Karka\python\day8\task>
```

The right sidebar shows the Copilot Agent Mode interface, which provides suggestions for editing the code.

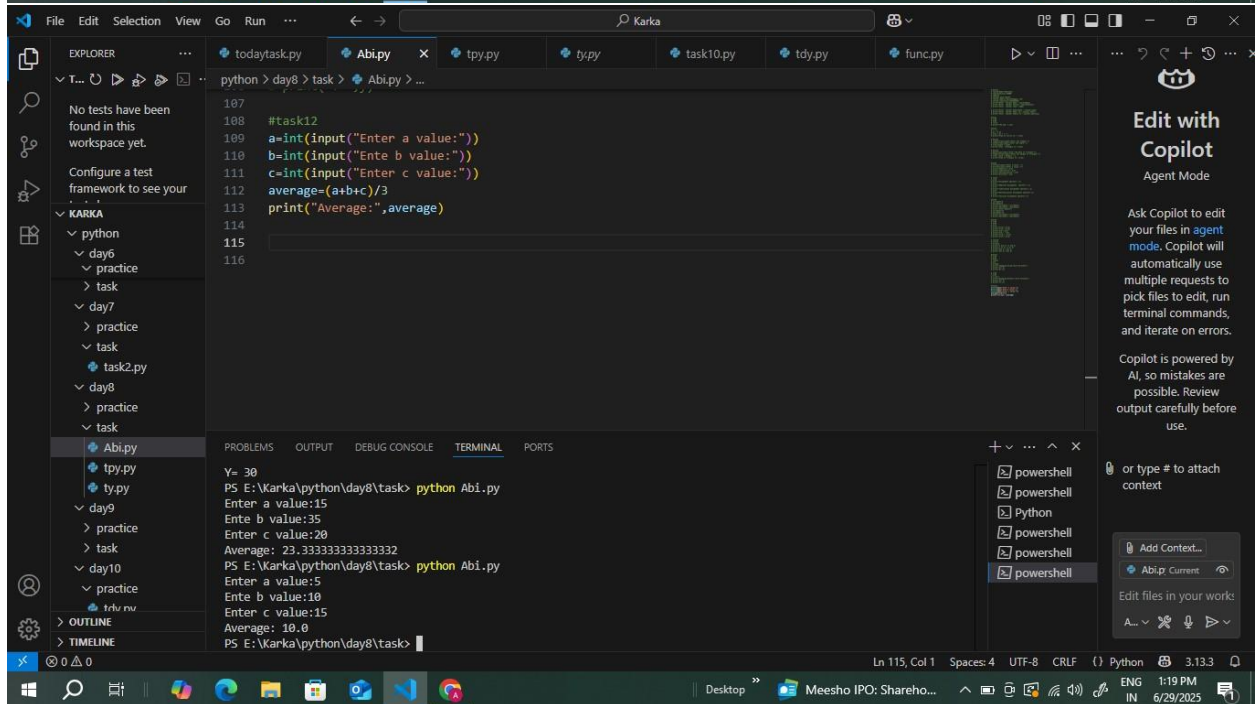
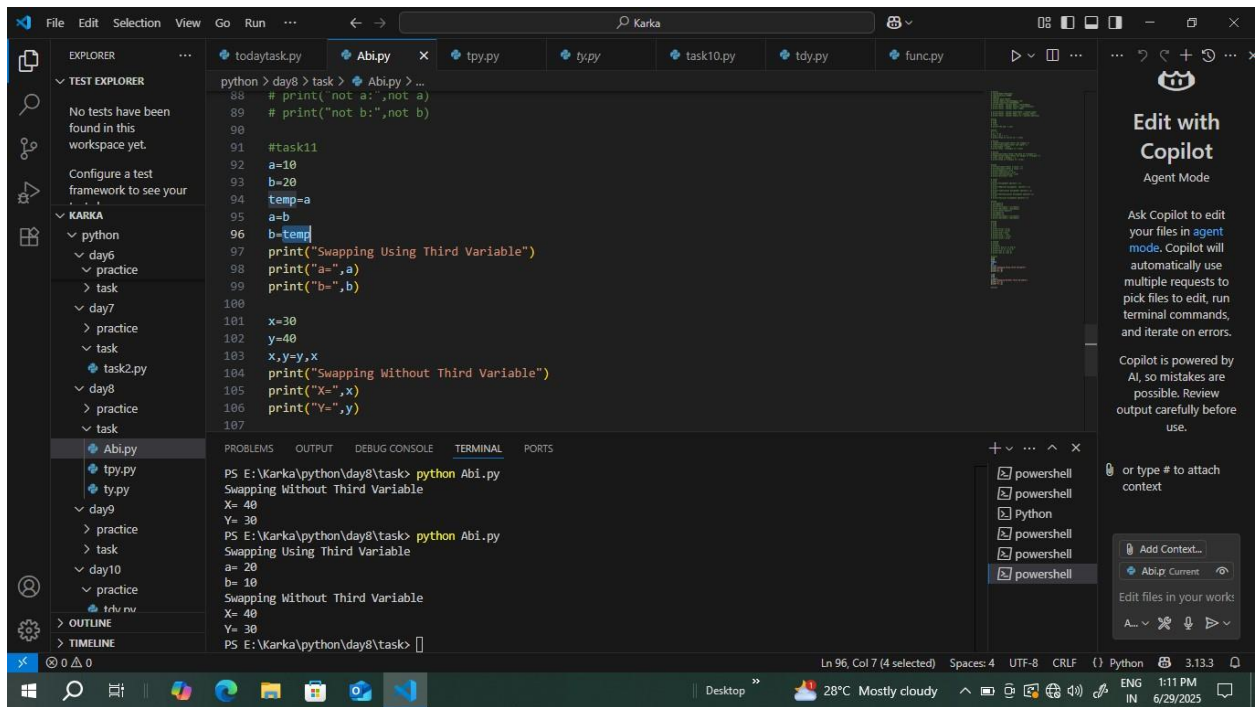
Visual Studio Code interface showing a Python script named `task10.py` being edited. The script contains logic for checking the truthiness of variables `a` and `b` and printing the results.

```
82
83 # task10
84 a=True
85 b=False
86 print("a and b:",a and b)
87 print("a or b:",a or b)
88 print("not a:",not a)
89 print("not b:",not b)
90
```

The terminal output shows the execution of the script, displaying the results of the logical operations.

```
PS E:\Karka> cd python
PS E:\Karka\python> cd day8
PS E:\Karka\python\day8> cd task
PS E:\Karka\python\day8\task> python Abi.py
a and b: False
a or b: True
not a: False
not b: True
PS E:\Karka\python\day8\task>
```

The right sidebar shows the Copilot Agent Mode interface, which provides suggestions for editing the code.



File Edit Selection View Go Run ... Karka

EXPLORER

- TEST EXPLORER
  - No tests have been found in this workspace yet.
  - Configure a test framework to see your
- KARKA
  - python
    - day4
      - practice
        - task
          - task4.py
          - task5.py
          - task6.py
          - task7.py
          - task9.py
          - task10.py
          - task11.py
          - todaytask.py
        - day5
          - practice
            - prac1.py
          - task
        - day6
          - practice
        - day7
          - practice
        - day8
          - practice
        - day9
          - practice
        - day10
          - practice
        - day11
          - practice
        - New folder
        - wjw

todaytask.py

```
python day4 > task > todaytask.py > b
103 # x,y=y,x
104 # print("Swapping Without Third Variable")
105 # print("X=",x)
106 # print("Y=",y)
107
108 #task12
109 # a=int(input("Enter a value:"))
110 # b=int(input("Enter b value:"))
111 # c=int(input("Enter c value:"))
112 # average=(a+b+c)/3
113 # print("Average:",average)
114
115 #task13
116 a=10
117 b=20
118 c=12
119 d=3
120 H=((a+b)*c)/d
121 print("Compound Arithmetic operation:",H)
122
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Enter a value:15  
Enter b value:35  
Enter c value:20  
Average: 23.333333333333332  
PS E:\Karka\python\day8\task> python Abi.py  
Enter a value:5  
Enter b value:10  
Enter c value:15  
Average: 10.0  
PS E:\Karka\python\day8\task> python Abi.py  
Compound Arithmetic operation: 120.0  
PS E:\Karka\python\day8\task>

powerShell  
powerShell  
Python  
powerShell  
powerShell  
powerShell

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Add Context...

today Current

Edit files in your work:

Ln 117, Col 5 Spaces: 4 UTF-8 CRLF Python 3.13.3

File Edit Selection View Go Run ... Karka

EXPLORER

- TEST EXPLORER
  - No tests have been found in this workspace yet.
  - Configure a test framework to see your
- KARKA
  - python
    - day6
      - practice
    - day7
      - practice
    - day8
      - practice
    - day9
      - practice
    - day10
      - practice
    - day11
      - practice
    - New folder
    - wjw

Abi.py

```
116 #task13
117 # a=10
118 # b=20
119 # c=12
120 # d=3
121 # H=((a+b)*c)/d
122 # print("Compound Arithmetic operation:",H)
123
124 #task14
125 tamil=99
126 eng=100
127 maths=80
128 science=98
129 social=96
130 total_marks =tamil+eng+maths+science+social
131 avg=total_marks/5
132 print("total_marks:",total_marks)
133 print("Average:",avg,)
134
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

AAAA  
NameError: name 'java' is not defined  
PS E:\Karka\python\day8\task> python Abi.py  
Traceback (most recent call last):  
File "E:\Karka\python\day8\task\Abi.py", line 130, in <module>  
total\_marks =tamil+eng+maths+science+social  
AAAA  
NameError: name 'eng' is not defined. Did you mean: 'Eng'?  
PS E:\Karka\python\day8\task> python Abi.py  
total\_marks: 473  
Average: 94.6  
PS E:\Karka\python\day8\task>

powerShell  
powerShell  
Python  
powerShell  
powerShell  
powerShell

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Abi Current

Edit files in your work:

Ln 133, Col 23 Spaces: 4 UTF-8 CRLF Python 3.13.3