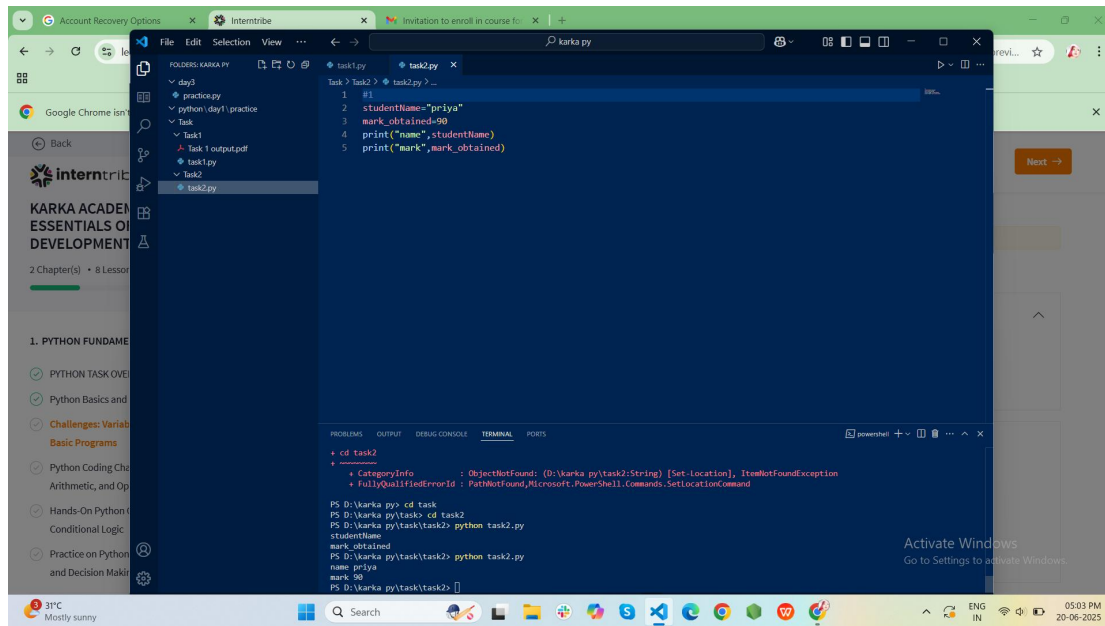


Task1



The screenshot shows a VS Code editor window with a file explorer on the left displaying the 'KARKA ACADEMY' project structure. The main editor area shows a Python file named 'task2.py' with the following code:

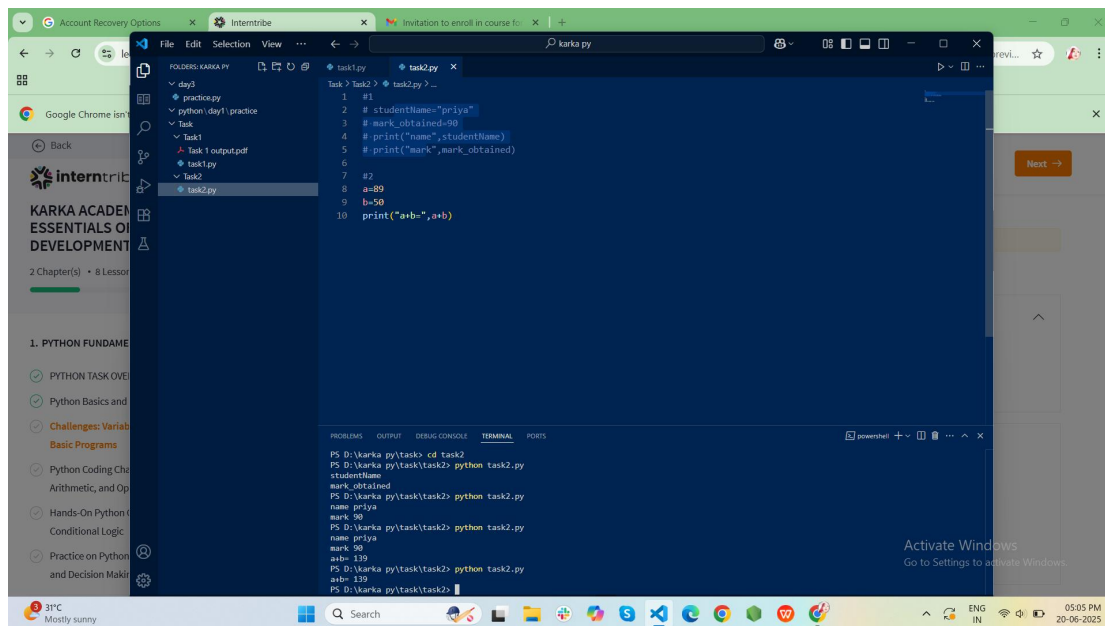
```
1 #1
2 # studentName="priya"
3 # mark_obtained=90
4 # print("name",studentName)
5 # print("mark",mark_obtained)
```

The terminal at the bottom shows the execution of the code:

```
PS D:\karka py> cd task2
PS D:\karka py\task2> python task2.py
name priya
mark 90
```

An error message is visible in the terminal: 'ObjectNotFound: (D:\karka py\task2:String) [Set-Location], ItemNotFoundException: PathNotFound,Microsoft.PowerShell.Commands.SetLocationCommand'.

Task2



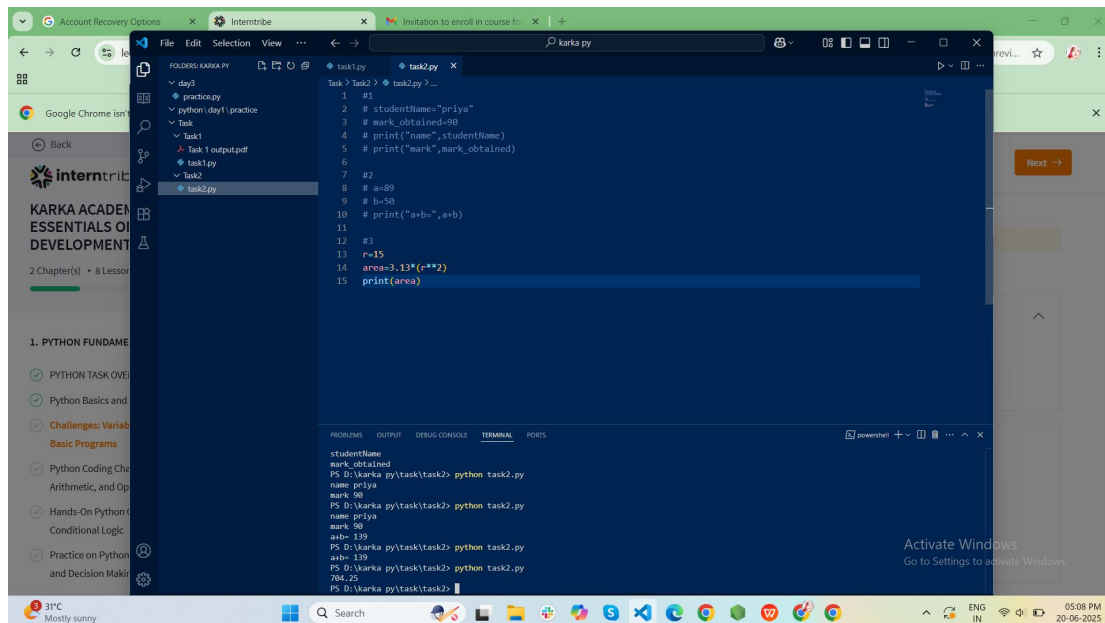
The screenshot shows a VS Code editor window with a file explorer on the left displaying the 'KARKA ACADEMY' project structure. The main editor area shows a Python file named 'task2.py' with the following code:

```
1 #1
2 # studentName="priya"
3 # mark_obtained=90
4 # print("name",studentName)
5 # print("mark",mark_obtained)
6
7 #2
8 a=89
9 b=50
10 print("a+b=",a+b)
```

The terminal at the bottom shows the execution of the code:

```
PS D:\karka py\task2> cd task2
PS D:\karka py\task2> python task2.py
name priya
mark 90
a+b= 139
```

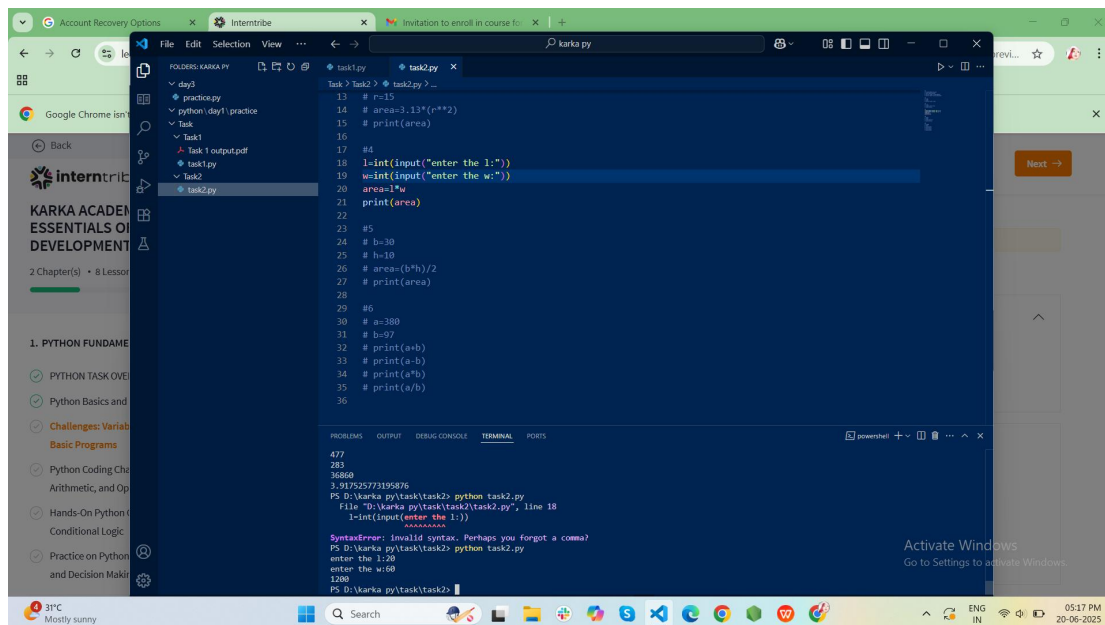
Task3



```
task3.py
1 #
2 # studentName="priya"
3 # mark_obtained=90
4 # print("name",studentName)
5 # print("mark",mark_obtained)
6
7 #2
8 # a=89
9 # b=50
10 # print("a+b",a+b)
11
12 #3
13 r=15
14 area=3.14*(r**2)
15 print(area)
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
studentName
mark_obtained
PS D:\karka py\task\task2> python task2.py
name priya
mark 90
a+b 139
PS D:\karka py\task\task2> python task2.py
a+b 139
PS D:\karka py\task\task2> python task2.py
784.24
PS D:\karka py\task\task2>
```

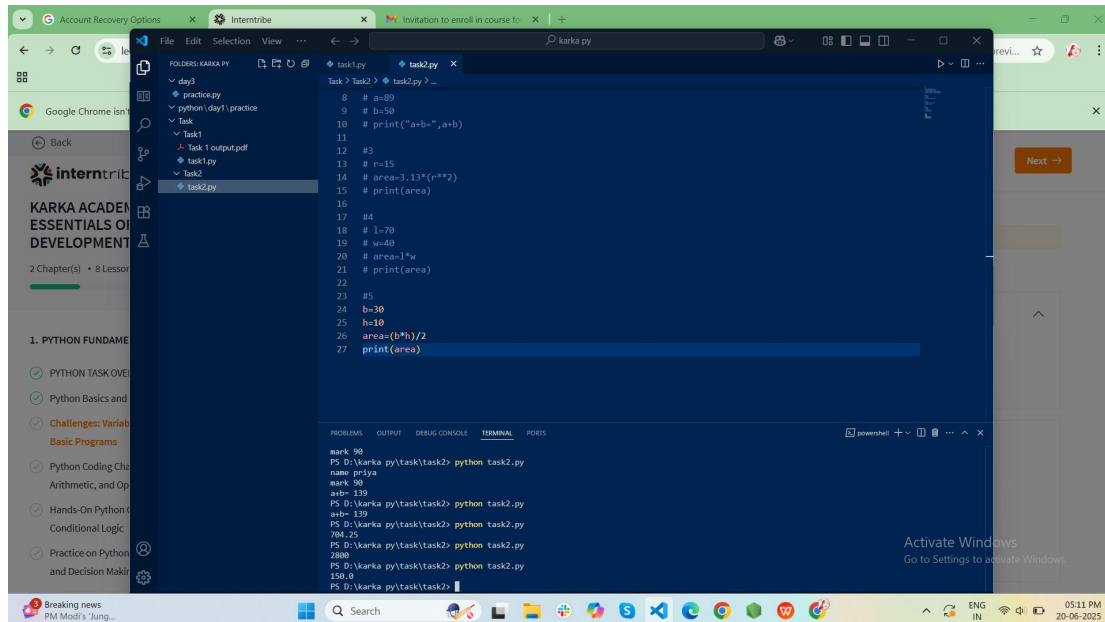
Task4



```
task4.py
13 # r=15
14 # area=3.14*(r**2)
15 # print(area)
16
17 #4
18 l=int(input("enter the l:"))
19 w=int(input("enter the w:"))
20 area=l*w
21 print(area)
22
23 #5
24 # b=30
25 # h=10
26 # area=(b*h)/2
27 # print(area)
28
29 #6
30 # a=380
31 # b=97
32 # print(a+b)
33 # print(a-b)
34 # print(a*b)
35 # print(a/b)
36
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
477
283
3600
3.917525773195876
PS D:\karka py\task\task2> python task2.py
file "D:\karka py\task\task2\task2.py", line 18
l=int(input(enter the l:))
              ^
SyntaxError: invalid syntax. Perhaps you forgot a comma?
PS D:\karka py\task\task2> python task2.py
enter the l:20
enter the w:60
1200
PS D:\karka py\task\task2>
```

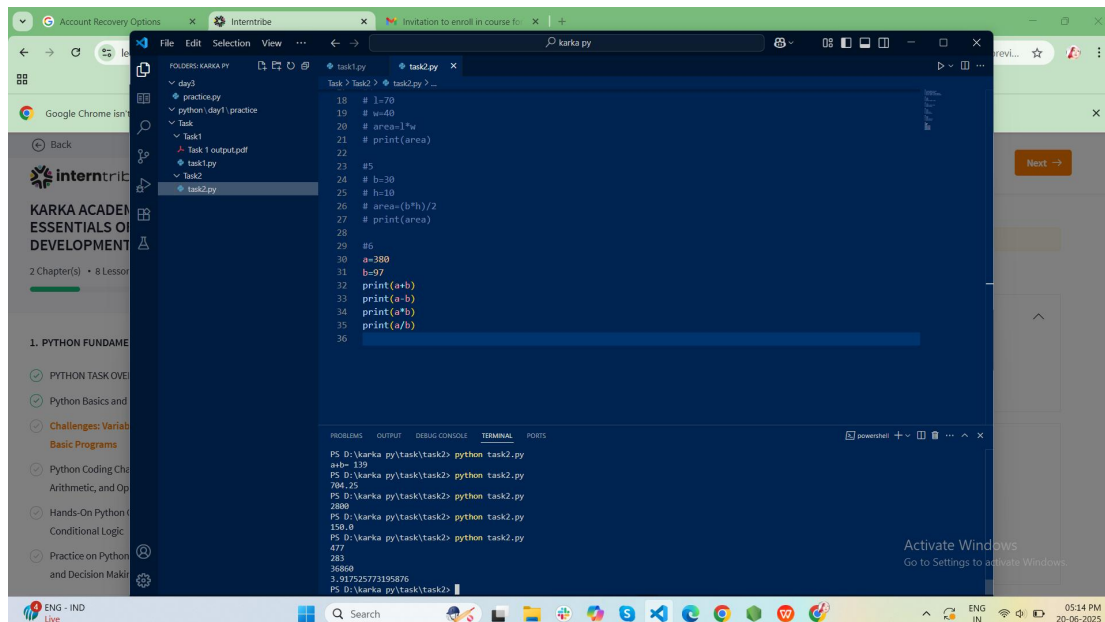
Task5



```
task2.py
8 # a=89
9 # b=50
10 # print("a+b",a+b)
11
12 #3
13 # r=15
14 # area=3.14*(r**2)
15 # print(area)
16
17 #4
18 # l=70
19 # w=40
20 # area=l*w
21 # print(area)
22
23 #5
24 # b=30
25 # h=10
26 # area=(b*h)/2
27 # print(area)
```

```
mark 90
PS D:\karka py\task\task2> python task2.py
name priya
mark 90
a+b= 139
PS D:\karka py\task\task2> python task2.py
a+b= 139
PS D:\karka py\task\task2> python task2.py
704.25
PS D:\karka py\task\task2> python task2.py
2800
PS D:\karka py\task\task2> python task2.py
150.0
PS D:\karka py\task\task2>
```

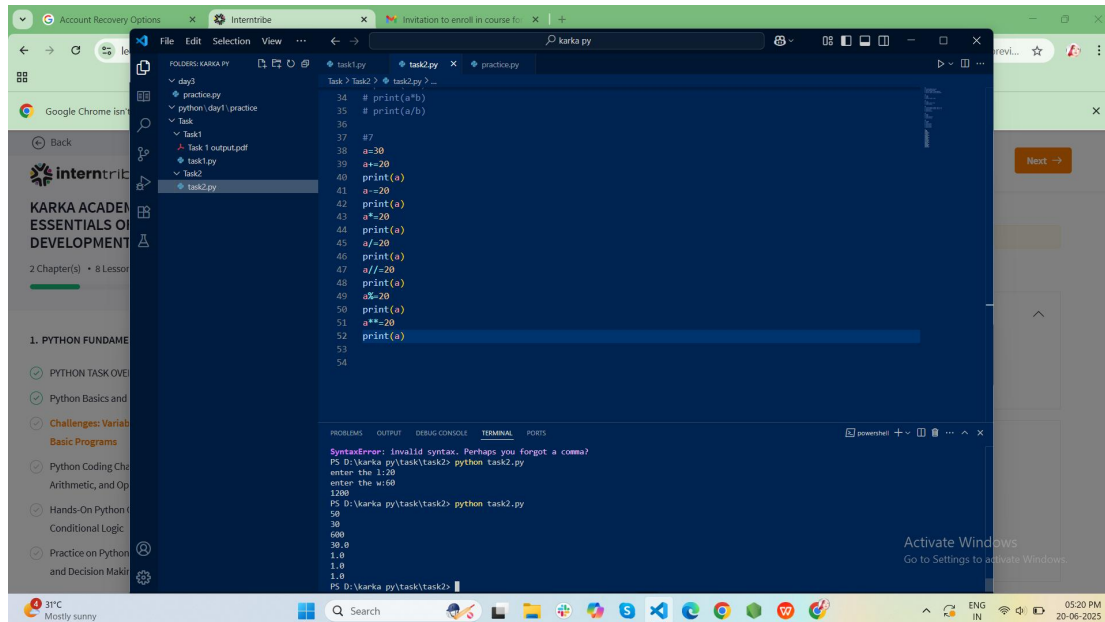
Task6



```
task2.py
18 # l=70
19 # w=40
20 # area=l*w
21 # print(area)
22
23 #5
24 # b=30
25 # h=10
26 # area=(b*h)/2
27 # print(area)
28
29 #6
30 # a=200
31 # b=97
32 # print(a+b)
33 # print(a-b)
34 # print(a*b)
35 # print(a/b)
36
```

```
PS D:\karka py\task\task2> python task2.py
a+b= 139
PS D:\karka py\task\task2> python task2.py
704.25
PS D:\karka py\task\task2> python task2.py
2800
PS D:\karka py\task\task2> python task2.py
150.0
PS D:\karka py\task\task2> python task2.py
477
36860
3.91725772195876
PS D:\karka py\task\task2>
```

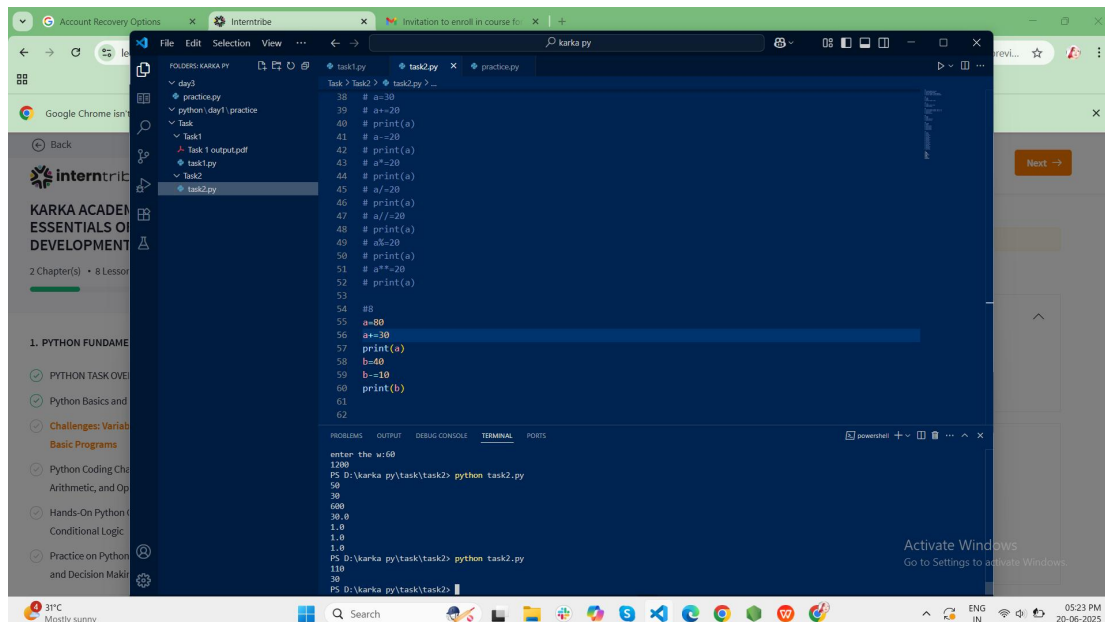
Task7



```
task7.py
34 # print(a*b)
35 # print(a/b)
36
37 #/
38 a=30
39 a=20
40 print(a)
41 a-=20
42 print(a)
43 a*=20
44 print(a)
45 a/=20
46 print(a)
47 a//=20
48 print(a)
49 a%=20
50 print(a)
51 a**=20
52 print(a)
53
54
```

```
PS D:\karka_py\task\task2> python task2.py
enter the i:20
enter the w:60
1200
600
30.0
1.0
1.0
1.0
PS D:\karka_py\task\task2>
```

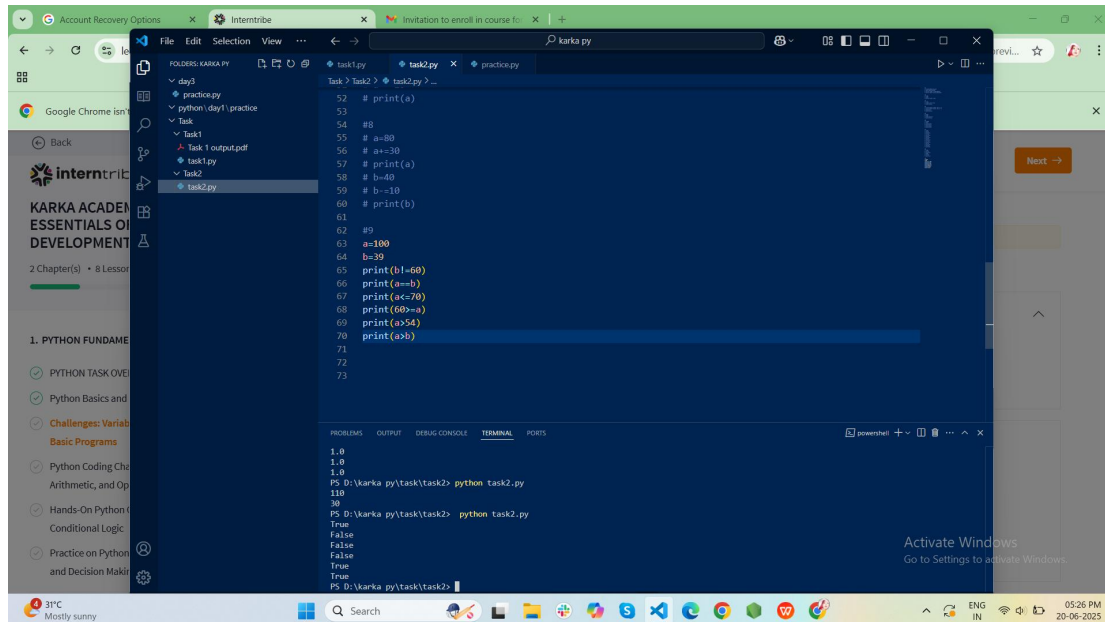
Task8



```
task8.py
38 # a=30
39 # a+=20
40 # print(a)
41 # a-=20
42 # print(a)
43 # a*=20
44 # print(a)
45 # a/=20
46 # print(a)
47 # a//=20
48 # print(a)
49 # a%=20
50 # print(a)
51 # a**=20
52 # print(a)
53
54 #
55 a=80
56 a+=30
57 print(a)
58 b=40
59 b-=10
60 print(b)
61
62
```

```
enter the w:60
1200
PS D:\karka_py\task\task2> python task2.py
50
600
30.0
1.0
1.0
1.0
PS D:\karka_py\task\task2> python task2.py
110
30
PS D:\karka_py\task\task2>
```

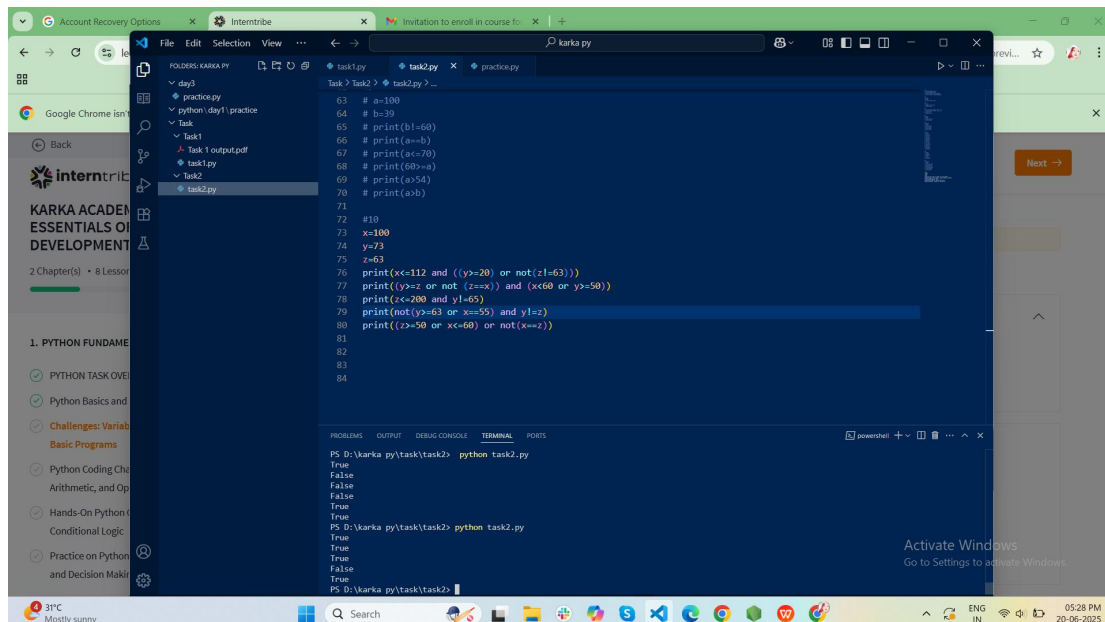
Task9



```
task2.py
52 # print(a)
53
54 #8
55 # a=80
56 # a+=30
57 # print(a)
58 # b=40
59 # b-=10
60 # print(b)
61
62 #9
63 a=100
64 b=39
65 print(b!=60)
66 print(a==b)
67 print(a<=70)
68 print(60==a)
69 print(a>54)
70 print(a*b)
71
72
73
```

```
1.0
1.0
1.0
PS D:\karka_py\task\task2> python task2.py
110
30
PS D:\karka_py\task\task2> python task2.py
True
False
False
True
True
True
PS D:\karka_py\task\task2>
```

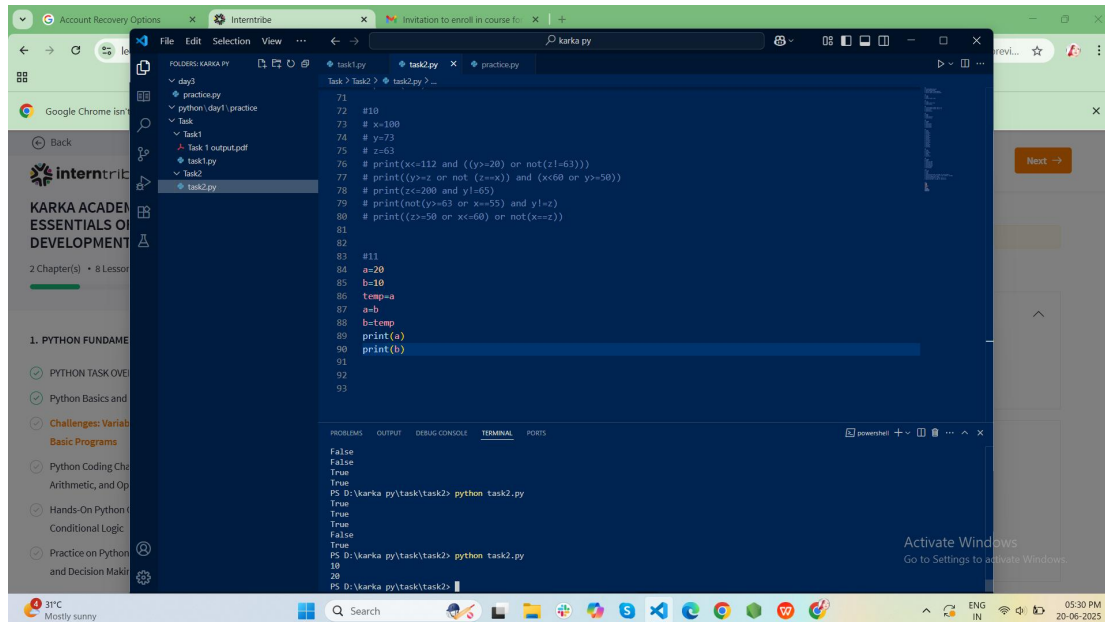
Task10



```
task2.py
63 # a=100
64 # b=39
65 # print(b!=60)
66 # print(a==b)
67 # print(a<=70)
68 # print(60==a)
69 # print(a>54)
70 # print(a*b)
71
72 #10
73 x=100
74 y=73
75 z=63
76 print((x<112 and ((y==20) or not(z!=62)))
77 print((y>=x or not (z==x)) and (x<60 or y>=50))
78 print((z<=200 and y!=65)
79 print(not(y>=63 or x==55) and y!=z)
80 print(((z>=50 or x<=60) or not(x==2))
81
82
83
84
```

```
PS D:\karka_py\task\task2> python task2.py
True
False
False
True
True
True
PS D:\karka_py\task\task2> python task2.py
True
True
True
True
True
True
PS D:\karka_py\task\task2>
```

Task11

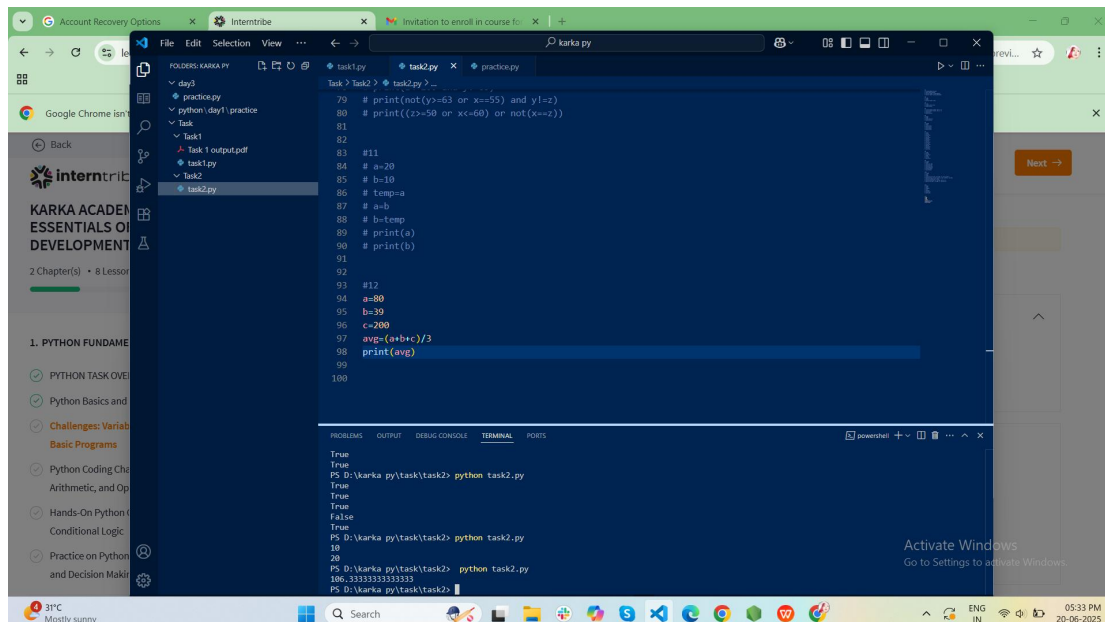


```
71
72 #10
73 # x=100
74 # y=73
75 # z=63
76 # print(x<112 and ((y==20) or not(z!=63)))
77 # print((y==z or not (z==x)) and (x<60 or y>50))
78 # print(z<200 and y!=65)
79 # print(not(y==63 or x==55) and y!=z)
80 # print((z>50 or x<60) or not(x==z))
81
82
83 #11
84 a=20
85 b=10
86 temp=a
87 a=b
88 b=temp
89 print(a)
90 print(b)
91
92
93
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
False
False
True
True
PS D:\karka py\task\task2> python task2.py
True
True
False
True
PS D:\karka py\task\task2> python task2.py
10
20
PS D:\karka py\task\task2>
```

Task12

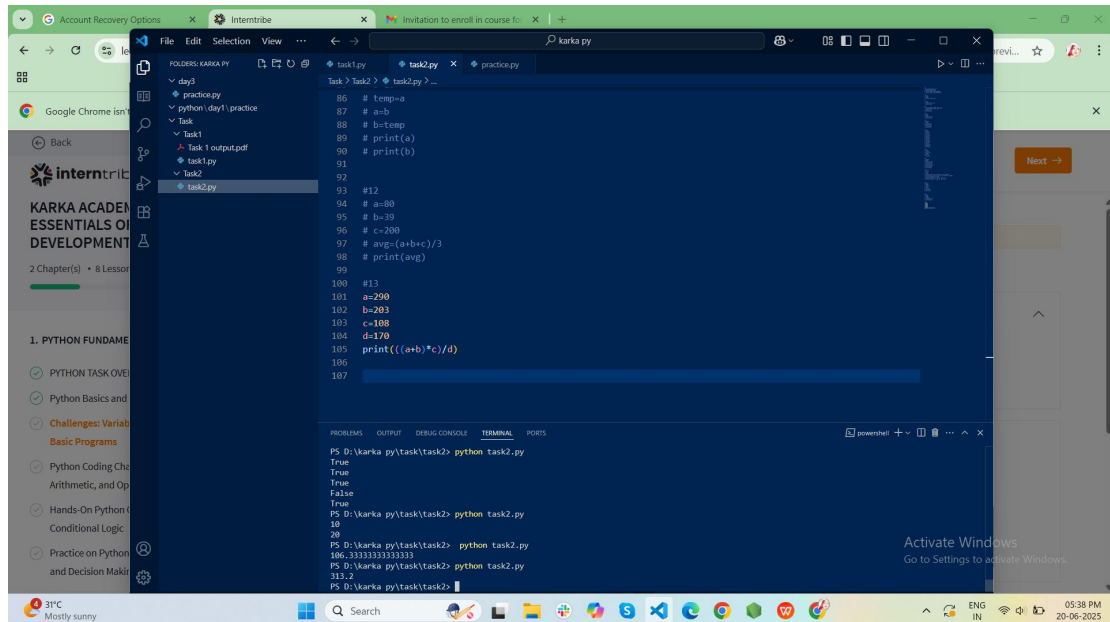


```
79 # print(not(y==63 or x==55) and y!=z)
80 # print((z>50 or x<60) or not(x==z))
81
82
83 #11
84 a=20
85 b=10
86 # temp=a
87 a=b
88 b=temp
89 # print(a)
90 # print(b)
91
92
93 #12
94 a=80
95 b=39
96 c=200
97 avg=(a+b+c)/3
98 print(avg)
99
100
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
True
True
PS D:\karka py\task\task2> python task2.py
True
True
True
True
PS D:\karka py\task\task2> python task2.py
10
20
PS D:\karka py\task\task2> python task2.py
186.33333333333333
PS D:\karka py\task\task2>
```

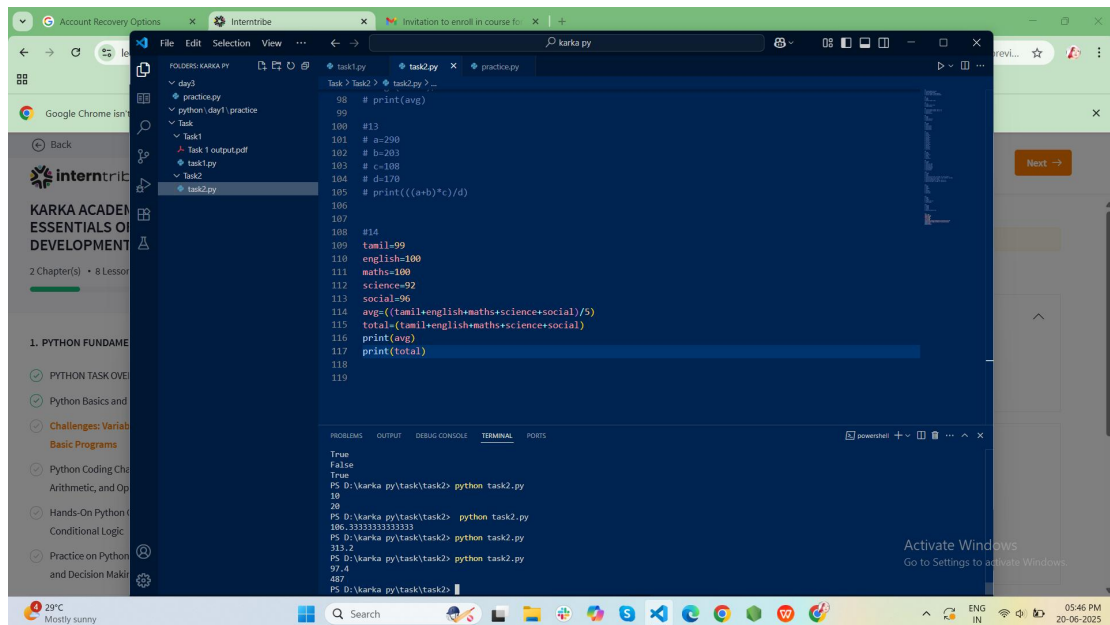
Task13



```
task2.py
86 # temp=a
87 # a=b
88 # b=temp
89 # print(a)
90 # print(b)
91
92
93 #12
94 # a=80
95 # b=39
96 # c=200
97 # avg=(a+b+c)/3
98 # print(avg)
99
100 #13
101 a=290
102 b=203
103 c=108
104 d=170
105 print(((a+b)*c)/d)
106
107
```

```
PS D:\karka py\task\task2> python task2.py
True
True
True
False
True
PS D:\karka py\task\task2> python task2.py
10
20
PS D:\karka py\task\task2> python task2.py
106.33333333333333
PS D:\karka py\task\task2> python task2.py
313.2
PS D:\karka py\task\task2>
```

Task14



```
task2.py
98 # print(avg)
99
100 #13
101 # a=290
102 # b=203
103 # c=108
104 # d=170
105 # print(((a+b)*c)/d)
106
107
108 #14
109 tamil=99
110 english=100
111 maths=100
112 science=92
113 social=96
114 avg=((tamil+english+maths+science+social)/5)
115 total=(tamil+english+maths+science+social)
116 print(avg)
117 print(total)
118
119
```

```
True
False
True
PS D:\karka py\task\task2> python task2.py
10
20
PS D:\karka py\task\task2> python task2.py
106.33333333333333
PS D:\karka py\task\task2> python task2.py
313.2
PS D:\karka py\task\task2> python task2.py
97.4
487
PS D:\karka py\task\task2>
```