

The screenshot shows the Visual Studio Code editor with a Python file named `2.py`. The code defines variables for camel case, snake case, and calculates areas for a circle and a rectangle. The terminal output shows the execution results.

```
1 #1
2 camelCase = 5
3 snake_case = 10
4 print(camelCase)
5 print(snake_case)
6 #2
7 a = 3
8 b = 0
9 print("Addition is:",a+b)
10 #3
11 r = 5
12 area = 3.14*r*r
13 print("area is:",area)
14 #4
15 l = 100
16 w = 68
17 area = l*w
18 print("area is:",area)
19 #5
20 b = 70
21 h = 80
22 area = (b*h)/2
23 print("area is:",area)
```

Terminal Output:

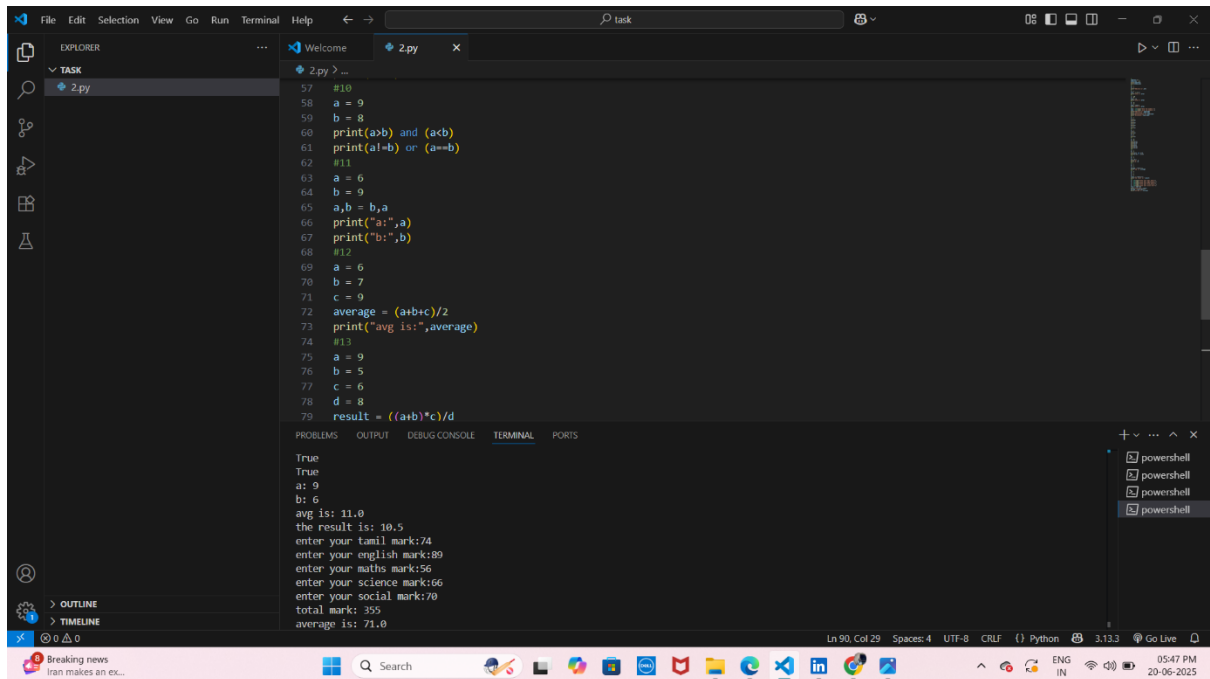
```
5
10
Addition is: 12
area is: 78.5
area is: 6800
PS C:\Users\VAHALINGAM.G\OneDrive\Desktop\karka\python\day2\task> python 2.py
5
10
Addition is: 12
area is: 78.5
area is: 6800
area is: 2800.0
PS C:\Users\VAHALINGAM.G\OneDrive\Desktop\karka\python\day2\task>
```

The screenshot shows the Visual Studio Code editor with a Python file named `2.py`. The code takes user input for two numbers and performs various arithmetic operations. The terminal output shows the execution results.

```
1 area = 0.0000000000000000
23 print("area is:",area)
24 #6
25 num1 = int(input("Enter the number1:"))
26 num2 = int(input("Enter the number2:"))
27 print("addition is:",num1+num2)
28 print("subtraction:",num1-num2)
29 print("multiplication is:",num1*num2)
30 print("division is:",num1/num2)
31 #7
32 a = 5
33 a += 6
34 print(a)
35 a -= 7
36 print(a)
37 a *= 8
38 print(a)
39 a /= 9
40 print(a)
41
```

Terminal Output:

```
area is: 6800
area is: 2800.0
Enter the number1:2
Enter the number2:3
addition is: 5
subtraction: -1
multiplication is: 6
division is: 0.6666666666666666
11
4
32
3.5555555555555554
PS C:\Users\VAHALINGAM.G\OneDrive\Desktop\karka\python\day2\task>
```



```
File Edit Selection View Go Run Terminal Help task
EXPLORER TASK
2.py
74 #13
75 a = 9
76 b = 5
77 c = 6
78 d = 8
79 result = ((a+b)*c)/d
80 print("the result is:",result)
81 #14
82 a = int(input("enter your tamil mark:"))
83 b = int(input("enter your english mark:"))
84 c = int(input("enter your maths mark:"))
85 d = int(input("enter your science mark:"))
86 e = int(input("enter your social mark:"))
87 total = a+b+c+d+e
88 print("total mark:",total)
89 average = (a+b+c+d+e)/5
90 print("average is:",average)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
True
a: 9
b: 6
avg is: 11.0
the result is: 10.5
enter your tamil mark:74
enter your english mark:89
enter your maths mark:56
enter your science mark:66
enter your social mark:70
total mark: 355
average is: 71.0
PS C:\Users\VAHALINGAM\G\OneDrive\Desktop\kanka\python\day2\task>
```

```
File Edit Selection View Go Run Terminal Help task
EXPLORER TASK
2.py
57 #10
58 a = 9
59 b = 8
60 print(a>b) and (a<b)
61 print(a!-b) or (a==b)
62 #11
63 a = 6
64 b = 9
65 a,b = b,a
66 print("a:",a)
67 print("b:",b)
68 #12
69 a = 6
70 b = 7
71 c = 9
72 average = (a+b+c)/2
73 print("avg is:",average)
74 #13
75 a = 9
76 b = 5
77 c = 6
78 d = 8
79 result = ((a+b)*c)/d

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
True
True
a: 9
b: 6
avg is: 11.0
the result is: 10.5
enter your tamil mark:74
enter your english mark:89
enter your maths mark:56
enter your science mark:66
enter your social mark:70
total mark: 355
average is: 71.0
PS C:\Users\VAHALINGAM\G\OneDrive\Desktop\kanka\python\day2\task>
```