

Python 3.13.5 (tags/v3.13.5:6cb20a2, Jun 11 2025, 16:15:46) [MSC v.1943 64 bit (AMD64)] on win32

Enter "help" below or click "Help" above for more information.

>>>

===== RESTART: C:/Users/jinkala shiva/OneDrive/Desktop/python/task.py =====

1. What are variables and why are they called variables? Assign two numbers to variables `a` and `b`, and print their sum.

Ans: Because variables can be changable by assigning the different values for a one variable and it will points to the latest number assigned to it.

8

2. Write a Python program to subtract two numbers and print the result.

30

3. Multiply two variables and store the result in a third variable. Print all three.

15

6

90

4. Divide 10 by 3 and print the result with and without decimals.

3.3333333333333335

3

5. Use floor division `//` to divide 17 by 4. Print the output.

4

6. Use the modulo operator `%` to check the remainder when 25 is divided by 6.

1

7. Calculate and print the square of a number stored in a variable.

3969

8. Assign values to three variables `x`, `y`, `z` and compute the average.

42.0

9. Take a number and find its cube using the `**` operator.

35937

10. Create two variables `length` and `width`. Calculate and print area of a rectangle.

55

11. Assign a variable `total_marks = 450` and `obtained_marks = 375`. Find percentage.

83.33333333333334

12. Write a Python statement that calculates `(a + b) * c` for some values of a, b, and c.

400