

## Operators Practice

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Q1. Write a Python program to calculate the area of a rectangle.

Test case:

Input: Length = 5, Width = 10

Output: 50

Q2. Write a Python program to convert temperature from Celsius to Fahrenheit.

Test case:

Input: Celsius = 25

Output: 77.0

Q3. Write a Python program to calculate the total price of items, including tax.

Test case:

Input: Price = 1000, Tax Rate = 18

Output: 1180.0

Q4. Write a Python program to calculate the perimeter of a square.

Test case:

Input: Side = 7

Output: 28

Q5. Write a Python program to find the remainder when dividing a number by 7.

Test case:

Input: Number = 20

Output: 6

Q6. Write a Python program to find the average of five numbers.

Test case:

Input: Num1 = 10, Num2 = 20, Num3 = 30, Num4 = 40, Num5 = 50

Output: 30.0

Q7. Write a Python program to calculate the simple interest.

Test case:

Input: Principal = 1000, Rate = 5, Time = 2

Output: 100.0

Q8. Write a Python program to calculate the total marks and percentage from marks of five subjects.

Test case:

Input: Subject1 = 85, Subject2 = 90, Subject3 = 78, Subject4 = 88,  
Subject5 = 92

Output: Total Marks = 433, Percentage = 86.6

Q9. Write a Python program to convert minutes into hours and minutes.

Test case:

Input: Minutes = 135

Output: Hours = 2, Remaining Minutes = 15

Q10. Write a Python program to calculate the total salary after adding bonus.

Test case:

Input: Salary = 50000, Bonus = 10

Output: 55000.0