1. Write a program to perform addition, subtraction, multiplication, division, and modulus operations on two user-provided integers.

2. Write a program to calculate the average of five integers provided by the user.

3. Compute and display the area and perimeter of a rectangle given its length and width.

4. Write a program to calculate the compound interest using the formula:

A=P×(1+(r/100))^n

where P is the principal, r is the rate of interest, and n is the time period.

5. Write a program to convert a temperature from Celsius to Fahrenheit using the formula:

F=(9/5)\*C+32

6. Write a program to swap the values of two variables without using a third variable, relying only on arithmetic operations.

7. Write a program to find the sum of the digits of a given three-digit number.

8. Calculate the hypotenuse of a right triangle given the lengths of the other two sides using the formula:

C = root over of (a^2 + b^2)

9. Write a program to calculate the circumference and area of a circle given its radius. Use the formulas:

Area: πr^2

Circumference: 2πr

10. Write a program to calculate the profit or loss made on a transaction given the cost price and selling price of an item.



















