Exercise 18: Print a Greeting with Name

Task: Write a program that stores your name in a variable and prints a greeting like "Hello, [Your Name]!".

Exercise 19: Add Two Numbers with Variables

Task: Write a program that stores the numbers 12 and 8 in two variables, adds them, and prints the result.

Exercise 20: Convert Celsius to Fahrenheit

Task: Write a program that stores a temperature in Celsius (e.g., 30) in a variable and converts it to Fahrenheit. Use the formula: Fahrenheit = Celsius * 9/5 + 32.

Exercise 21: Simple Subtraction

Task: Write a program that stores the number 100 in a variable and then subtracts 45 from it. Print the result.

Exercise 22: Store and Print a Character

Task: Write a program that stores a character (e.g., 'A') in a variable and prints "The character is [character]".

Exercise 23: Print Age in Months

Task: Write a program that stores your age in years and then calculates and prints your age in months.

Exercise 24: Concatenate Strings

Task: Write a program that stores two strings, "C++" and "Programming", and then prints them together as "C++ Programming".

Exercise 25: Calculate Area of a Rectangle

Task: Write a program that stores the length and width of a rectangle, calculates the area, and prints

it.

Exercise 26: Square a Number

Task: Write a program that stores a number, squares it, and prints the result.

Exercise 27: Calculate Remainder

Task: Write a program that divides 17 by 4 and prints the remainder.

Exercise 28: Calculate Simple Interest

Task: Write a program that calculates and prints the simple interest for a given principal, rate, and time. Use the formula: Interest = (Principal * Rate * Time) / 100.

Exercise 29: Calculate Total Cost with Tax

Task: Write a program that stores the cost of an item and a sales tax rate, then calculates and prints the total cost including tax.

Exercise 30: Print a Triangular Pattern

Task: Write a program that prints a simple triangle pattern to the console.

Exercise 31: Convert Kilometers to Miles

Task: Write a program that stores a distance in kilometers and converts it to miles. Use the formula: miles = kilometers * 0.621371.

Exercise 32: Calculate Average of Three Numbers

Task: Write a program that stores three numbers, calculates their average, and prints it.

Exercise 33: Print ASCII Value of a Character

Task: Write a program that stores a character and prints its ASCII value.

Exercise 34: Convert Hours to Minutes and Seconds

Task: Write a program that stores a time in hours and converts it to minutes and seconds.

Exercise 35: Print Your Initials in Large Letters

Task: Write a program that prints your initials in a block letter style.

Exercise 36: Calculate Perimeter and Area of a Circle

Task: Write a program that stores the radius of a circle and calculates its perimeter and area. Use the formulas: Perimeter = 2 * pi * radius and Area = pi * radius * radius.

Exercise 37: Swap Two Numbers

Task: Write a program that stores two numbers, swaps their values, and prints the swapped values.

Exercise 38: Calculate Final Price with Discount

Task: Write a program that stores the original price of an item and a discount percentage, calculates the final price after the discount, and prints it.