

Data Types and Variables

1. Declare an integer, float, and character variable in a program.
2. Create a program to swap two integers without using a temporary variable.
3. Write a program to add two integers and display their sum.
4. Create a program that declares and initializes an integer array.
5. Write a program that uses const to declare a constant and print its value.
6. Create a program that prints the size of different data types (int, float, char, etc.).
7. Write a program that demonstrates the overflow of an integer.
8. Create a program that swaps two numbers using a third variable.
9. Write a program that initializes a character and prints its ASCII code.
10. Create a program to find the maximum of two variables using conditional operators.
11. Write a program to find the square of an integer.
12. Create a program that declares a double variable and outputs its value.
13. Write a program to demonstrate typecasting (convert float to int).
14. Create a program to calculate the sum of three float numbers.
15. Write a program to find the average of three integers.
16. Create a program that converts an integer into a float.
17. Write a program to demonstrate the use of the bool data type.
18. Create a program that swaps the values of two characters.
19. Write a program that initializes and prints a string.
20. Create a program that takes three different numbers and finds the largest one.