1. Write a simple C++ program that displays your name, age, and favorite hobby on the screen. Follow the basic structure of a C++ program, including proper use of #include, main() function, and comments.
2. Write a C++ program that declares and initializes variables of different data types (int, float, char, double, bool). Print the values of these variables along with their sizes using sizeof().
3. Write a C++ program that takes two numbers as input from the user and performs the following operations. Print the results of each operation.
   1. Addition.
   2. Subtraction.
   3. Multiplication.
   4. Division
   5. Modulus
4. Write a C++ program that asks the user to enter their marks (out of 100) and determines their grade based on the following criteria:
   1. **90 and above** → Grade A
   2. **80 to 89** → Grade B
   3. **70 to 79** → Grade C
   4. **60 to 69** → Grade D
   5. **Below 60** → Grade F

Use if-else statements to implement this logic.

1. Write a C++ program that takes an integer (1-7) as input from the user and prints the corresponding day of the week using a switch statement. For example:

* 1 → Monday
* 2 → Tuesday
* 3 → Wednesday  
  + ...
* 7 → Sunday

If the user enters a number outside this range, display an error message.