

Question 01:

Write a C++ program that performs the following:

1. Take **two integers** as input from the user.
2. Compare the two numbers and display the result on the console:
 - If the first number (x) is greater than the second number (y), print: "x is greater than y". (e.g., "30 is greater than 20")
 - If the second number (y) is greater than the first number (x), print: "y is greater than x". (e.g., "40 is greater than 10")

Question 02:

Write a C++ program to determine and display the size of fundamental data types?

Sample Output;

The size of char is: 1 byte

The size of bool is: X bytes

The size of float is: X bytes

Question 03:

Write a C++ Program that find the third angle of a triangle.

Sample Output:

First Angle of Triangle: 30

First Angle of Triangle: 60

The Third Angle is: X

Question 04:

Write a C++ Program that takes an Input "x" from the user. Check that number is positive, negative or zero?

Question 05:

Write a program to calculate the grade of a student based on marks using nested if statements:

- Marks Greater than or equal to 90: Grade A
- Marks Greater than or equal to 70: Grade B
- Marks Greater than or equal to 60: Grade C
- Marks Less than 50: Fail

Question 06:

Write a program that takes an integer as input and:

- Prints "Even and Positive" if the number is even.
- Prints "Even and Negative" if the number is even.
- Prints "Odd and Positive" if the number is odd and positive.
- Prints "Odd and Negative" if the number is odd and negative.

Question 07:

Write a program that takes two integers, x and y, as input, representing a point on a Cartesian plane. Determine which quadrant the point lies in or if it lies at the origin.

