

# C++ Operators

## Assignment Questions



**Q1 - Write a program to check whether two numbers (entered by user) are equal or not.**

(Easy)

Sample Input 1: 1, 2

Sample Output 1: 0

Sample Input 2: 2, 2

Sample Output 2: 1

**Q2 - Write a program to take the values of two variables a and b from the keyboard and then check if both the conditions 'a < 50' and 'a < b' are true.**

(Easy)

Sample Input 1: 1, 2

Sample Output 1: 0

Sample Input 2: 2, 2

Sample Output 2: 1

**Q3 - There are 45 total pupils in the class, 25 of whom are boys. Write a program to find how many girls received grades "A" if 17 boys made up 80% of the students that received grades "A".**

(Medium)

Sample Input : 45

Sample Output : 19

**Q4 - Write a program to calculate the sum of the first and the second last digit of a 5 digit number.**

(Hard)

Sample Input : 12345

Sample Output : 1+4=5

**Q5 - Write a program to calculate the sum of digits of a 3 digit number.**

(Hard)

Sample Input : 123

Sample Output : 6

**Q6 - Design a calculator to perform basic arithmetic operations (+, -, /, \*, %)**

(Easy)

Sample Input : 8 10

Sample Output :

Sum = 18

Difference = -2

Product = 80

Division = 0.8