

C++ Conditionals

Assignment Questions



Q1 - Write a program which takes the values of length and breadth from user and check if it is a square or not.

(Easy)

Sample Input :

Enter length: 5

Enter breadth: 4

Sample Output : It is a rectangle

Q2 - Write a program to print absolute value of a number entered by the user.

(Easy)

Sample Input: -1

Sample Output: 1

Q3- Write a program to take input from user for Cost Price (C.P.) and Selling Price(S.P.) and calculate Profit or Loss.

(Medium)

Explanation :

Formula for profit and loss

Profit = S.P - C.P

Loss = C.P - S.P

(S.P is Selling Price and C.P is Cost Price)

Sample Input :

Enter cost price: 4000

Enter selling price: 9560

Sample Output :

Profit = 5560

Q4- Write a program to print positive number entered by the user, if user enters a negative number, it is skipped.

(Medium)

Sample Input : Enter an integer: -6

Sample Output : The number is negative and skipped

Q5- Create a calculator using switch statement to perform addition, subtraction, multiplication and division.

(Hard)

Sample Input :

Enter an operator (+, -, *, /): -

Enter two numbers:

6

8

Sample Output : 6 - 8 = -2

Q6. Write a program to calculate marks to grades . Follow the conversion rule as given below :

(Medium)

100 – 90	A+
90 – 80	A
80 – 70	B+
70 – 60	B
60 – 50	C
50 – 40	D
40 – 30	E
30 – 0	F

Sample Input : Enter Your Marks: 98

Sample Output : Your Grade is A+