C/ C++ Assignments-2

1. If cost price and selling price of an item is input through the keyboard, write a program to determine whether the seller has made profit or incurred loss. Also determine how much profit he made or loss he incurred.

2. Any year is input through the keyboard. Write a program to determine whether the year is a leap year or not.

3. A five-digit number is entered through the keyboard. Write a program to obtain the reversed number and to determine whether the original and reversed numbers are equal or not.

4. Write a program to check whether a triangle is valid or not, when the three angles of the triangle are entered through the keyboard. A triangle is valid if the sum of all the three angles is equal to 180 degrees.

5. If the ages of Ram, Shyam, and Ajay are input through the keyboard, write a program to determine the youngest of the three.

6. Any character is entered through the keyboard; write a program to determine whether the character entered is a capital letter, a small case letter or a digit.

7. If the three sides of a triangle are entered through the keyboard, write a program to check whether the triangle is isosceles, equilateral, scalene or right angled triangle.

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