Simple Condition/Decision Making Practice

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 integer is input through the keyboard. Write a program to find out whether itis an odd number or even number.

3. If the ages of Arif and Joy are input through the keyboard, write a program to determine the youngest of them.

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. Write a program to check if the area of the triangle is greater than the perimeter of the triangle.

6. Write program to determine whether a number is positive or not.

7. Write a C program to determine whether a number is negative or not

8. Write a C program to determine whether a given number is Zero (0) or not.

9. Imagine you want to go to the shopping complex from your home and there are two alternative routes to go there. One route is **A** and another one is **B.** In A route distance from your home to the shopping complex is 15.6 kilometers and in B route the distance is 18 kilometers. Now considering this situation write a C program to determine the shortest route to your destination.