

Solution Code



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/* C Program to check triangle is a equilateral, isosceles or scalene */
#include<stdio.h>
#include<conio.h>
int main(){
    int x,y,z;
    printf("Enter the sides of a triangle(x,y,z):: \n");
    scanf("%d %d %d",&x,&y,&z);
    if((x==y) && (y==z))
    {
        printf("\nThe triangle is equilateral.");
    }
    else if((x==z) || (y==z) || (x==y))
    {
        printf("\nThe triangle is isoseles.");
    }
    else
    {
        printf("\nThe triangle is scalene.");
    }
    return 0;
}
```