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| Program  9.2 | Verify the triangle, if the length of the sides of a triangle are denoted by a, b and c, then the area of triangle is given by:  S=a+b+c/2  Area = (s\*(s-a)\*(s-b)\*(s-c))^1/2 |
| Algorithm: | Step 1: Start  Step 2: Sum()  Step 2a: Input a,b,c,c,s  Step 2b: s=(a+b+c)/2 area1=area(a,b,c,s) Step 2b1: Input a,b,c,s  Step 2b2: area0=sqrt(s\*(s-a)\*(s-b)\*(s-c))  Step 2c: IF a+b>c && b+c>a && c+a>b  THEN Print valid triangle Print area ELSE Print invalid triangle  Step3: Stop |
| Flowchart: |  |

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| Code: |  |
| Output: |  |
| Question  Answer? | **Explain the concept of nested functions in C.**  Ans:  A nested function is a function defined inside another function. Nested functions are supported as an extension in GNU C, but are not supported by GNU C++.  The nested function's name is local to the block where it is  defined. |