# **PSEUDOCODE FOR STRING TRIANGLE:**

## \*\*\*\* int main(){

1. Declare Char Array Variable word [ 1000 ] Taking String Input from User with MAX 1000 Limit.
2. Declare Char Variable choice for Taking User Choice;
3. Declare Integer Variable Length for calculating the String Length and Store it.
4. Declare a DO WHILE Loop.
   1. Take Input from User in form of String and Store in Word variable.
   2. Calculate Length of String using strlen() Function and Store in Length variable.
   3. Using puts () Function to Print String in Forward.
   4. Call Backward-String () Function to Print String Backward.
   5. Call Vertical-String () Function to Print String Vertical.
   6. Call Triangle-String () Function to Print String Triangle.
5. Ask User If he/she want to Continue.

## }

## \*\*\*\* *void* BackwardString(*char* **str**[], *int* **Lenght**){

1. Declare a FOR Loop where ( j = Length of String -1; j is less than equal to 0; j-- )

1.1 print str [ j ]

## }

## *\*\*\*\* void* VerticalString(*char* **str**[], *int* **Lenght**){

1. Declare a FOR Loop where ( j = 0; j is Bigger than Length; j++ )

1.1 print str [ j ]

## }

## \*\*\*\* *void* TriangleString(*char* **str**[], *int* **Lenght**){

1. Declare a FOR Loop where
   1. **for**(i**=**1; **str**[k]**!=**'\0'; i**++**)

**1.1.1 print str [ K ]**

1.2 Increment K by 1

2. Change the Line to make Triangles

## }