**PROGRAM-7:**

***Write a program to implement transposition cipher without key in C++.***

**#include<stdio.h>**

**#include<conio.h>**

**#include<string.h>**

**int main()**

**{**

**int i,j=0,k=0,l,co;**

**char s[100],c[50][100];**

**printf("Enter the plain text: ");**

**scanf("%s",s);**

**printf("Enter the no of columns: ");**

**scanf("%d",&co);**

**l=strlen(s);**

**printf("%c ",s[0]);**

**c[0][0]=s[0];**

**k=1;**

**for(i=1;i<l;i++)**

**{**

**if(i%co==0)**

**{printf("\n");j++;k=0;}**

**c[j][k++]=s[i];**

**printf("%c ",s[i]);**

**}**

**c[j][k]='\0';**

**printf("\nCipher text is: ");**

**for(i=0;i<co;i++)**

**{**

**for(k=0;k<j+1;k++)**

**printf("%c",c[k][i]);**

**}**

**getch();**

**return 0;**

**}**

**OUTPUT:**

