**;Write an assembly language program that takes a string (having 14 characters at max.) input from user and scroll a window of size 20\*20 at the center of screen. Then display the string at the center of scrolled window. (You can choose the color attribute yourself).**

**TITLE SCROLL**

**.MODEL SMALL**

**.DATA**

**STR DB "PROGRAMMING IN ASSEMBLY LANGUAGE IS FUN",'$'**

**STRLEN DB $-STR**

**.STACK**

**.CODE**

**MAIN PROC FAR**

**MOV AX, @DATA**

**MOV DS, AX**

**;; SETTING REVERSE VIDEO MODE**

**MOV AH, 00**

**MOV AL, 03H**

**INT 10H**

**;; SCROLLING FORM 5, 20 TO 20 ROW, COLUMN 60**

**MOV CH, 05**

**MOV CL, 20**

**MOV DH, 20**

**MOV DL, 60**

**MOV AH, 07H**

**MOV BH, 71H**

**MOV AL, 00**

**INT 10H**

**;; CHARACTER CURSOR POSITION CHANGE**

**MOV BH,00**

**MOV DH, 12**

**MOV DL, 30**

**MOV AH, 02H**

**INT 10H**

**;; DISPLAYING THE STRING**

**LEA DX, STR**

**MOV AH, 09H**

**INT 21H**

**;; ENDING THE PROGRAM**

**MOV AX, 4C00H**

**INT 21H**

**MAIN ENDP**

**END MAIN**