;Write an assembly language program to scroll a window from row 5, column 20 to row 20, column 60 with a reverse video attributes. Then locate the cursor at row 12, column 30. And display a string as "Programming in Assembly Language is Fun".

```
TITLE 20*20 WINDOW SCROLLING
.MODEL SMALL
.DATA
STRLEN DB 14
STRSZ DB ?
STR DB 14 DUP('$')
STRTRM DB '$'
.STACK
.CODE

MAIN PROC FAR
MOV AX, @DATA
MOV DS, AX

;; READING FROM THE USER
LEA DX, STRLEN
MOV AH, 0AH
INT 21H

;; CLEARING THE SCREEN
MOV AH, 00
MOV AL, 03H
INT 10H

;; MAKING 20 20 SCREEN
MOV AL, 00H
MOV CH, 00H
MOV CL, 30
MOV DH, 20
MOV DL, 50
MOV BH, 71H
MOV AH, 06H
```

```asm
        INT 10H

;;  PUSH AX
        MOV BH, 00
        MOV DH, 10
        MOV AX, 80
        SUB AL, STRSZ
        MOV DL, 02H
        DIV DL
        MOV DL, AL
        MOV AX, 0200H
        INT 10H

;;      POP AX
;; DISPLAYING THE STRING

        LEA DX, STR
        MOV AH, 09H
        INT 21H

;; ENDING THE PROGRAM
        MOV AH, 4CH
        INT 21H
        MAIN ENDP
        END MAIN
```