

```
1 //using is a directive
2 //System is a namespace, namespace groups related features together
3 //System is needed so we can use Console, classes
4 using static System.Console;
5 //outermost level of grouping
6 class Program
7 {
8     //Main is a method
9     //this is the entry point into program
10    static void Main()
11    {
12        WriteLine("Enter Input");//prompt user
13        int cursorPosition = int.Parse(ReadLine()); //read as string, convert to int, store to variable
14        //a window that is 80 wide stores at positions 0 to 79
15        //so the condition on the left below is "0<=" and on the right it's "<WindowWidth"
16        //if the width is 80, and you input 80, an error occurs
17        if(0<=cursorPosition && cursorPosition<WindowWidth)
18        {
19            CursorLeft = cursorPosition;//set cursor position only if input is within window
20            WriteLine("x");//write x at that position
21        }
22        else
23        {
24            //when input from user is outside allowed range
25            CursorLeft = 0;//move cursor to first position at location 0
26            WriteLine("Incorrect position entered.");//print message
27        }
28    }
29 }
```