

In this Application for Unit 1 you will make use of the statements learned in this unit to build one (or more) title screen(s).

Objectives:

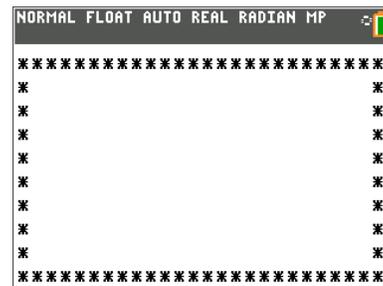
- Use the TI Basic statements learned in Unit 1 to build a title screen for a larger program.

Part 1:

Use **Disp** statements to display a border of asterisks around the screen. Use an **Output**(statement to display the bottom line because **Disp** will scroll the whole screen. Remember to clear the HOME screen first and to *pause* the program at this point.

With the *empty* border showing, when the user presses **ENTER**, the text from Part 2 below will appear in the *middle* of the screen.

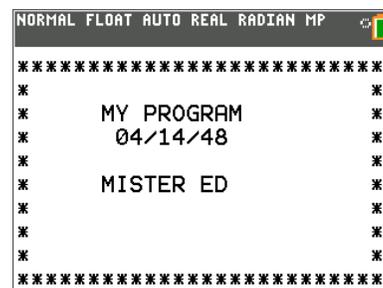
Note: TI-84 Plus users will have a different number of stars on the screen due to the different screen dimensions.



Part 2:

Use **Output**(statements to display a title, date, and author information centered in the border. The screen to the right is not very good because the text is not neatly centered.

After the text is displayed the user will need to press **ENTER** again to continue. At this point the program should clear the screen and then end.



Teacher Tip: The number of asterisks and spaces in the first part of the program is important. Students need to carefully calculate the amount of text needed and the lines of code will wrap around onto the next screen line. The bottom line of the screen needs an **Output**(statement because **Disp** forces an automatic 'return' and that would force the screen to scroll up one line.

Sample Answer:

```
ClrHome
Disp "*****"
Disp "*"
Output(10,1,"*****")
Pause
Output(3,10,"MY PROGRAM")
Output(4,11,"04/14/48")
Output(6,10,"MISTER ED")
```



10 Minutes of Code

TI-84 PLUS FAMILY

Pause

ClrHome

UNIT 1: APPLICATION
TEACHER NOTES