

X Marks the Spot

Purpose

To test the ability to write nested loops

Directions

PART A (Due by end of first lab session)

Write a program that prompts the user for a number n and then draws a square whose sides are made up of n asterisks (*).

PART B

Add error checking: If the user enters a negative value for n, display the message **Error: n cannot be negative.**

Add functionality for the user to select a coordinate location to place an 'X'. For this lab the top left corner of the square is '0 0'.

Examples

Spacing, capitalization and wording must match the examples given. **Note there is a space between each * on the same line**

What is the value of n? 5

Where do you want to put the X? (enter in format X Y): 3 2

```
* * * * *
*       *
*       *
*   X   *
* * * * *
```

What is the value of n? -4

Error: n cannot be negative