

Print Square Method

Purpose

To test the ability to write methods for modular code

Directions

PART A (Due by end of first lab session)

Write a method `printSquare` that takes a number `n` and character `c` as parameters and prints a hollow square of size `n` by `n` using character `c`.

Test the method by calling it from `main`. The `main` method should prompt the user for the value of `n` and prompt the user for a character to use for printing the square and then call the `printSquare` method.

PART B

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

Use JavaDoc standards for your method - a block comment with a minimum of:
- method description - `@param` tag(s) - `@return` tag(s)

Examples

Sample JavaDoc block comment:

```
/**
 * Method description
 * @param talk about int a
 * @return what value is returned
 */
public static int demo (int a){
    // code here
}
```

Sample program execution:

```
Enter Height: 5
Enter Character: *
* * * * *
*       *
*       *
*       *
* * * * *
```

```
Enter Height: -2
Enter Character: *
```

Error: height cannot be negative.