

Lab 4: Loops

Assignment is due by the end of the lab and must be submitted through Blackboard.

Submission instructions: you must submit **one (1) Python file**. Please name the file in the usual NetID_2XX_Lab4.py format.

Problem Description

Implement function `print_triangle(height)` that prints a shape like the one depicted below.

Example, in case `height=5`:

```
*  
***  
*****  
*****  
*****
```

Function signatures:

```
def print_triangle(height)  
    # your code goes here  
    return triangleString
```

Parameters: an integer value indicating triangle height, `height`

Assumptions: we will assume all input is positive and are valid

Return Value: a string containing the final string result, `triangleString`

Example Input/Output:

```
print_triangle(3)  
print_triangle(4)  
print_triangle(5)  
print_triangle(10)
```

[illegible]

Important Guidelines:

Use operators such as $+$, $-$, $*$, $/$, $**$ etc., as needed.

Use escape sequences as needed

Use string concatenation as needed

Use if/else/elif and while/for as needed

The following data types and their casting functions may be used: int, float, str, bool

You may not import other modules (like math)

Do not use any list methods or functions. i.e count(), indexof(), sort(), etc.

Do not use any other programming element that has not been covered in the class or the ZyBook readings at this time.