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Lab 4.03 - Nested For Loops

Instructions

In this lab we will be drawing images using nested for loops.

For each of the following problems, you will write a function that will draw the desired output. You may use an extra function if you find it helpful.

1. Write a function, draw_7, to draw the 7x7 square (shown below)

2. Write a function stars_and_stripes, that will draw a 3 sets of rows. 1st a row of 7 stars followed by a row of 7 dashes (shown below)

3. Write a function, increasing_triangle that will print out following:

```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
1 2 3 4 5 6
1 2 3 4 5 6
```

4. Write a function, vertical_stars_and_stripes that will print out the following:

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Bonus

1. Write a function that will print a border around a 7x7 square (shown below)

2. Write a function that will print the following balanced_triangle.

```
1
1 2
1 2 3
1 2 3 4
1 2 3 4 5
1 2 3 4 5 6
1 2 3 4 5 6
1 2 3 4 5 6
1 2 3 4 5
1 2 3 4
1 2 3
1 2
1
```

3. Write a function that will print the following triangle.

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