

(9 marks) Consider a program that draws the first n rows of a number triangle where each row is represented by the numbers 1, .. row_number, .. 1. For example, the first 4 rows in such a number triangle are:

```
1
1,2,1
1,2,3,2,1
1,2,3,4,3,2,1
```

Similarly, the first two rows in such a triangle are:

```
1
1,2,1
```

Finally, the number triangle that is only one row consists of only the number 1.

The number of rows to output will be entered by the user. If the user enters a value that is less than or equal to zero then your program should display a meaningful error message without displaying any numeric output. Otherwise the number triangle should be displayed. Commas should be used to separate the numbers in the triangle when multiple numbers appear on the same line.

Use the following lines to create your program. Some lines may not be required for a correct solution. Lines may be used multiple times.

```
1: else:
2: for i in range(1, n):
3: for i in range(1, n+1):
4: for j in range(1, i):
5: for j in range(1, i+1):
6: for j in range(i, 0, -1):
7: if j == 1:
8: if j != 1:
9: if n < 0:
12: if n > 0:
13: n = int(input("Enter the number of rows: "))
14: print("That wasn't a valid number of rows.")
15: print(row)
16: row = ""
17: row = ","
18: row = str(j)
19: row = row + ","
23: row = row + str(j)
```