



Final Lab Exam – (60 min)

Name:

ID:

Question 1: [3 points]

Write a Python function `drawTriangle(n)` that takes an integer n and prints the following number triangle.

Sample Run:

Enter $n = 5$

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

Notes:

- The function should only print the pattern.
- Assume n is positive.



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Question 2: [3 points]

- a) Write a Python function `commonElements(list1, list2)` that takes two lists and returns a new list containing the distinct elements that appear in both lists. If there are no common elements, the function should return an empty list.
- b) *Write a Python script that prompts the user to enter two lists of numbers. You can assume the user enters the list elements separated by spaces. The script should use the `commonElements` function to get the list of common elements and then print the result. If the returned list is empty, print an appropriate message instead.*