Java Exercise 2

Compute the area of an equilateral triangle. The formula is given below
(S is the length of any side of the triangle)

$$\frac{\sqrt{3}}{4}s^2$$

2. Print the following pattern. Get the number of lines to be printed from the user.

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3. Print the following pattern. Get the number of lines to be printed from the user.

- 4. Sort an array of element using bubble sort
- 5. Remove duplicate elements from a sorted array [only one array should be used]
- 6. Reverse the contents inside an array[use only one array in the program]
- 7. Search for an element inside the array using linear search
- 8. Check if a given input matrix from a user is an identity matrix
- 9. Display the transpose of a given matrix
- 10. Display the sum of rows in a matrix
- 11. Display the addition result of two matrices