Task #1:

If a bullet is shot straight, it will keep going straight until it falls on ground after certain distance. The bullet keeps loosing speed due to gravity. The bullet looses 6% of its speed every second.

Once the speed becomes 1 meter per second or less, the bullet stops and falls on the ground.

Write a recursive function (getBulletFallTime) that takes as an input a float value that represents the started speed of a bullet in (meters per second) and returns as integer the time on when this bullet will stop in seconds.

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Task #2:

Write a program that reads a positive integer n and prints an n*n square as follows:

The first row has the values from 1 to n. Each of the next rows rotates the values of its previous row one position to the left such that the second value in the previous row becomes first value in the current row.

The following are examples for n =4:
If the input is 4, the program prints:

1 2 3 4
2 3 4 1
3 4 1 2
4 1 2 3
5 1 2 3

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Bonus:

Write a function named **PrintTwoTriangles** that takes a **positive odd integer V** as an input parameter and prints a **V*V square** that shows two connected triangles, as shown bellow. For example, if **V** is 7, the function should print the following shape.

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