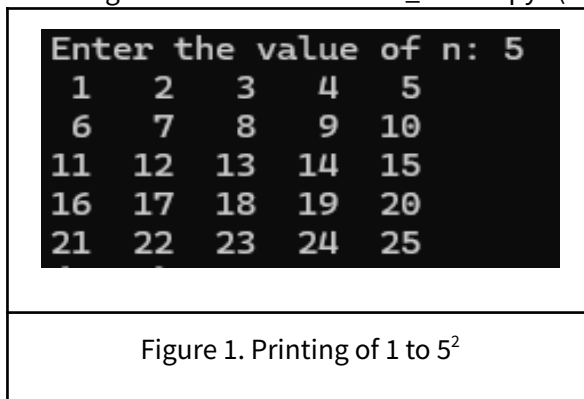


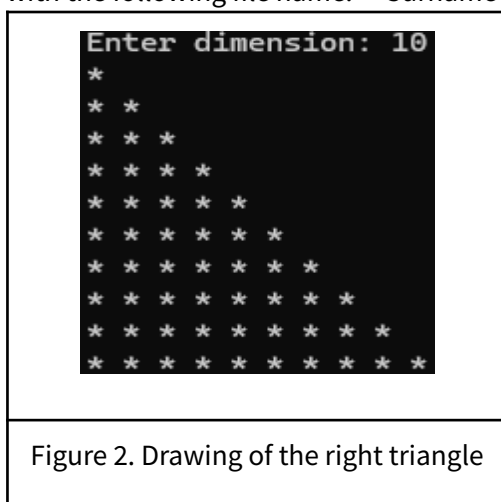
Exercise 03: Iteration and the “While” and “For” Loop

Problem

- A. Sequential Loops** – Using only a sequential loop (not nested), create the python code that prints the numbers from 1 to n^2 in a square matrix. See the example below when n is 5. Submit your python code in your respective google classroom submission portal with the following file name: “<Surname>_exer3a.py” (e.g. DelaCruz_exer3a.py)



- B. Nested loops and conditional statements** – Consider the output of “draw_sqr.py” and study the code. Using nested loops and conditional statements allows us to create different types of figures. Create the python code that draws the following figure in the terminal (Figure 2). Submit your python code in your respective google classroom submission portal with the following file name: “<Surname>_exer3b.py” (e.g. DelaCruz_exer3b.py)



- C. Bonus: Make a sequential (not nested-loop) version of B.** Submit your python code in your respective google classroom submission portal with the following file name: “<Surname>_exer3c.py” (e.g. DelaCruz_exer3c.py)