COGNIFYZ TECHNOLOGIES

Software Development Intern Tasks List 2

**Task 2: Generate and print simple number patterns.**

**Objective: Utilize loops to control the**

**structure of number patterns.**

Steps:

1.Select a number pattern type (e.g., pyramid).

2.Develop a program to generate the selected pattern.

3.Use loops to control the structure of the pattern.

4.Verify the correctness of the generated pattern.

CODE

def generate\_pyramid(rows):

for i in range(1, rows + 1):

for j in range(rows - i):

print(" ", end="")

for k in range(1, i + 1):

print(k, end=" ")

print()

generate\_pyramid(5)

