

# LESSON 1: PYTHON PROGRAMMING HINTS

By Saluki VR Developers Program, SIUC

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This challenge helps you practice computational thinking, which means learning to think like a programmer.

## Challenge 1: Create a Pattern Using a for Loop

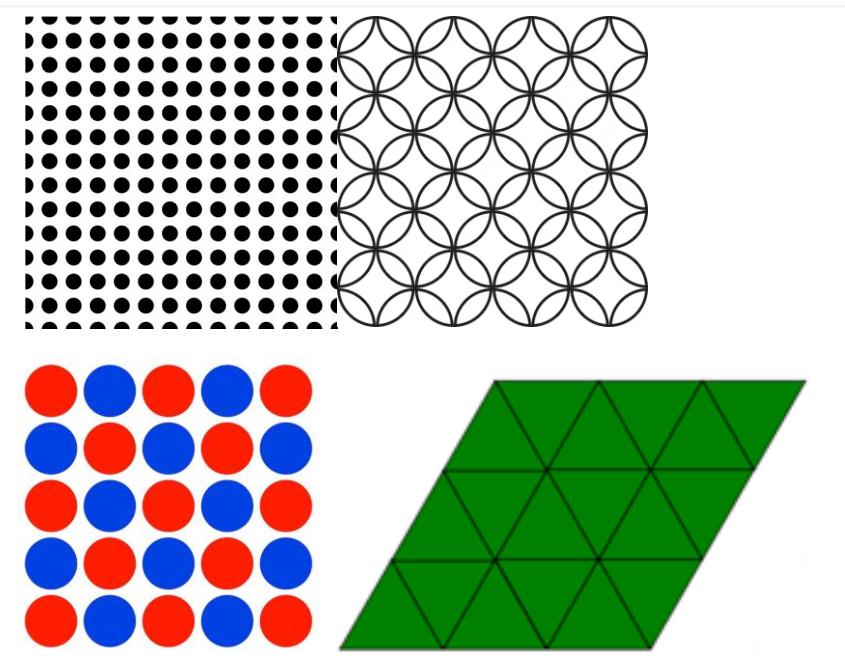
Use a single or nested for loop to generate the following pattern.

- Difficulty Levels:
  - **Easy** – simple pattern with a single loop without variables
  - **Medium** – more complex pattern, may require a nested loop
  - **Hard** – advanced pattern with multiple nested loops or additional logic

Goal:

- Analyze the pattern first, break it into repeating steps, then write code using loops.
- Experiment with both single and nested loops to see how the pattern is constructed.

**Easy:**

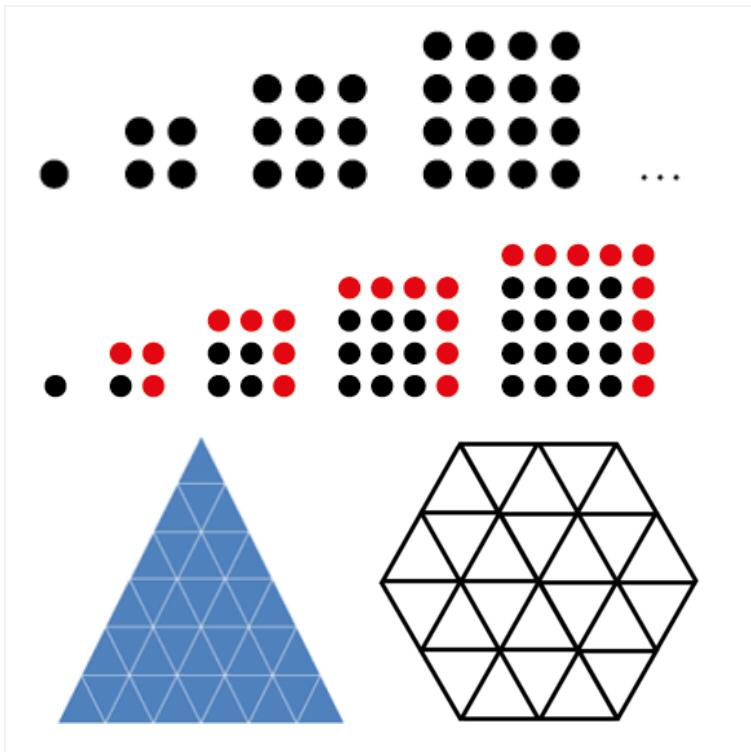


**Medium:**

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Hard:

