## PGR107 – Python Programming Spring 2023 For Loop

1. What do these loops print?

- 2. Write programs using **for loop** that read a line of input as a string and print
  - a. Only the uppercase letters in the string.
  - b. Every second letter of the string.
  - c. The string, with all vowels replaced by an underscore.
  - d. The number of digits in the string.
  - e. The number of vowels in the string.
- 3. Write a program using **for loop** that reads a word and prints each character of the word on a separate line. For example, if the user provides the input "Harry", the program prints

H a r r

4. Write a program using **for loop** that reads a word and prints the word in reverse. For example, if the user provides the input "Harry", the program prints

yrraH

5. Write a program using **nested for loop** to produce the following shape.

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6.	Write a program using <b>nested for loop</b> to draw the following shapes.
	XXXXXX XX XXXXXX XX XX
	XX XX XX XX XXXXX