Name _____

Setting up a predator-prey game board

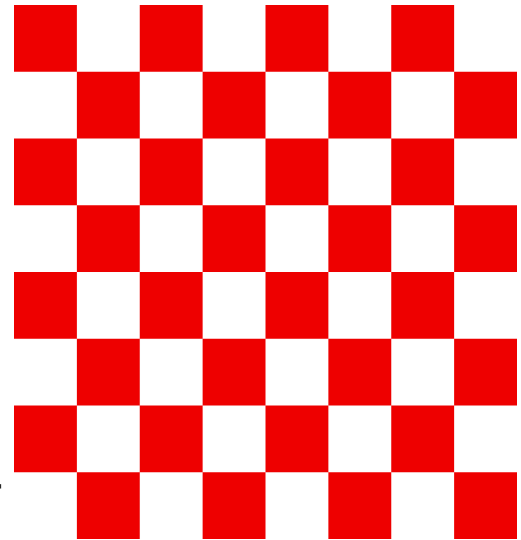**OBJECTIVE: Create an 8x8 gameboard as the one on the right.**

Start off with a simple Python list and call it **b**.

b = []

Write the code down in the provided space below that will create spaces for eight elements in the list.

If you are going to use a for loop, how do you need to structure it to run smoothly?

If you are going to use a while loop, how would you structure it to run? What do you need to make sure NOT to forget?
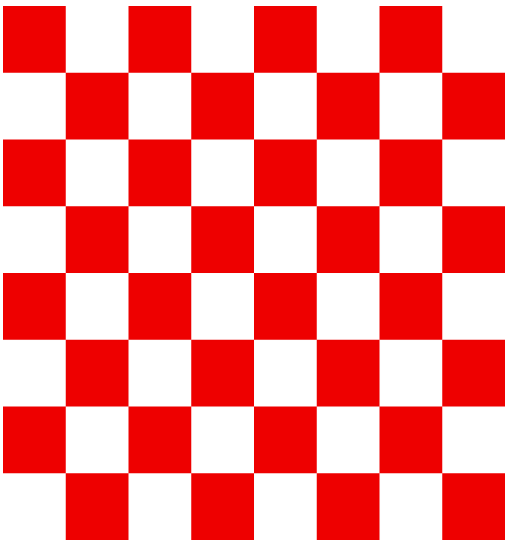
Code to generate eight spaces in list **b**.

Label the indices for each of the "**spaces**" in your list above.

Creating a board is one thing, but printing and displaying it correctly for the user is another problem.

To start off, write the code below that would print a **one** dimensional list.

Remember that every space in **b** contains ANOTHER list itself.
This means we need to code to sort through every element in that list **in each element** of b.

Step 0:

| b[0] | b[1] | b[2] | b[3] | b[4] | b[5] | b[6] | b[7] |

This now becomes b[0][**0**]

This now becomes b[0][**1**]

This now becomes b[0][**2**]

This now becomes b[0][**2**]

Complete the pattern