🤔 Loops: Exercises (Extension)

Q1) Below is a list of foods and their prices per unit:

```
groceries = [
      ["Baby Spinach", 2.78],
      ["Hot Chocolate", 3.70],
      ["Crackers", 2.10],
      ["Bacon", 9.00],
      ["Carrots", 0.56],
      ["Oranges", 3.08]
]
```

Ask the user how many units of each item they bought, then output the corresponding receipt.
For the input below, assume that the input is provided in the same order as defined in the list above.

Input	Output

1
3
2
1
4
2
	`====Izzy's Food Emporium====`
	`Baby Spinach      $2.78`
	`Hot Chocolate     $11.10`
	`Crackers          $4.20`
	`Bacon             $9.00`
	`Carrots           $2.24`
	`Oranges           $6.16`
	`============================`
	`                  $35.48`

Q2) Ask the user to enter a string. Output the string one character at a time, as well as it's position in the string.

Input	Output
cats	Please enter a string: *cats* 0 c 1 a 2 t 3 s

Q3) Ask the user for a number and use this to generate a pyramid of that height.

Input	Output

5	Pyramid size: *5*
	`*`
	`**`
	`***`
	`****`
	`*****`

Q4) Ask the user for a number and use this to generate a (different) pyramid of that height.

Input	Output
| 5 | ```
Pyramid size: 5
    *
   ***
  *****
 *******
*********
``` |