🤔 Lists: Exercises

Q1) Given the list of foods below, output:

1. The first item in the list.
2. The third item in the list.
3. The last item in the list.
4. The first three items in the list.
5. The last three items in the list.
6. The last item in the sublist.

```
foods = [
    "orange",
    "apple",
    "banana",
    "strawberry",
    "grape",
    "blueberry",
    ["carrot", "cauliflower", "pumpkin"],
    "passionfruit",
    "mango",
    "kiwifruit"
]
```

Output
orange banana kiwifruit ['orange', 'apple', 'banana'] ['passionfruit', 'mango', 'kiwifruit'] pumpkin

Q2) Format and print the following list:

```
mailing_list = [
    ["Chilli", "chilli@thechihuahua.com"],
    ["Roary", "roary@moth.catchers"],
    ["Remus", "remus@kapers.dog"],
    ["Prince Thomas of Whitepaw", "hrh.thomas@royalty.wp"],
    ["Ivy", "noreply@goldendreamers.xyz"],
]
```

Output
Chilli: chilli@thechihuahua.com Roary: roary@moth.catchers Remus: remus@kapers.dog Prince Thomas of Whitepaw: hrh.thomas@royalty.wp Ivy: noreply@goldendreamers.xyz

Q3) Ask the user for three names, add them to a list, then print the list.

Input	Output
Izzy Archie Boston	Enter a name: *izzy* Enter a name: *archie* Enter a name: *boston* ['izzy', 'archie', 'boston']

Q4) Using the following starter code:

```
a = [1, 2, 3]
b = [4, 5, 6]
c = [7, 8, 9]
d = []
e = []
```

Produce the following lists:

```
[[1, 2, 3], [4, 5, 6], [7, 8, 9]]
[1, 2, 3, 4, 5, 6, 7, 8, 9]
```