🤔 Dictionaries: Exercises

Q1) Once again we are going to work on our grocery receipt. This time, however, use the following dictionary to define the items and their prices:

```
groceries = {
      "Baby Spinach": 2.78,
      "Hot Chocolate": 3.70,
      "Crackers": 2.10,
      "Bacon": 9.00,
      "Carrots": 0.56,
      "Oranges": 3.08
}
```

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) Given the list of names below, create a dictionary where each key is a name and the value is the number of times that name occurs in the list.

```
names = [
      "Maddy", "Bel", "Elnaz", "Gia", "Izzy",
      "Joy", "Katie", "Maddie", "Tash", "Nic",
      "Rachael", "Bec", "Bec", "Tabitha", "Teagen",
      "Viv", "Anna", "Catherine", "Catherine", "Debby",
      "Gab", "Megan", "Michelle", "Nic", "Roxy",
      "Samara", "Sasha", "Sophie", "Teagen", "Viv"
]
```

Output
Maddy 1 Bel 1 Elnaz 1 Gia 1 Izzy 1 Joy 1 Katie 1 Maddie 1 Tash 1 Nic 2 Rachael 1 Bec 2 Tabitha 1 Teagen 2 Viv 2 Anna 1

```
Catherine 2
Debby 1
Gab 1
Megan 1
Michelle 1
Roxy 1
Samara 1
Sasha 1
Sophie 1
```

Q3) Using our colour files from a previous exercise, create a list of colours where each item in the list is a dictionary containing the different representations for each colour.

For example, the following file:
```
RAL, RGB, HEX, German, English, French, Spanish, Italian, Nederlands
RAL 1000,190-189-127,#BEBD7F,Grünbeige,Green beige,Beige vert,Beige verdoso,Beige verdastro,Groenbeige
```

Would result in the following list:
```
colours = [
    {
     "RAL": "RAL 1000",
     "RGB": "190-189-127",
     "HEX": "#BEBD7F",
     "German": "Grünbeige",
     "English": "Green beige",
     "French": "Beige vert",
     "Spanish": "Beige verdoso",
     "Italian": "Beige verdastro",
     "Nederlands": "Groenbeige"
    }
]
```