Homework week 7:

Exercise 1. Write code that meets the following requirements:

- Enter a 2-digit number and then write that digit in Vietnamese. ex: 11→ mười một, 55→ năm mươi lăm….
- If the number is not 2 digits, re-enter is required
- Stops only when user enters “exit” or “end”.

Here is a list of orders from a pizza restaurant on Monday:

```
import random
random.seed(20)

names = ['An','Ly','Nam',"Mai","Hoa", "Linh"]
pizza_toppings =['chicken','chorio','beef','cheese','pineapple']
sizes = ['small','medium', 'large']
cake_bases =  ['thick','thin']

monday_oders = []
for _ in range(100):
    i = random.randrange(len(names))
    j = random.randrange(len(pizza_toppings))
    k = random.randrange(len(sizes))
    n = random.randrange(len(cake_bases))
    monday_oders.append((names[i],pizza_toppings[j],sizes[k],cake_bases[n]))
```

Exercise 2. a) Recount the number of pizzas ordered by the customer's name (ex: Nam: 'chicken', 'medium', 'thin': 2,….).

b) Suppose that the number of toppings on the chicken pizza is only 20. Remind customers to order another when this pizza topping runs out.

Exercise 3. The number of pizzas prepared on Monday by the restaurant according to the table below

Toppings					small	medium	large
chicken	chorio	beef	cheese	pineapple			
20	20	20	20	20	35	35	30

Remind customers to order another dish when the ordered pizza runs out.

Exercise 4. a) Sizes sell pizza prices: small: $4, $6, and large: $12. Calculate the total revenue of the restaurant on Monday.

b) The cost for a small pizza is $2, a medium one is $3, a large one is $5, and $100 for other expenses. Calculate restaurant profit on Monday.