SQL Task

```
With orders (id, number, country, customer_id) As
    (
        Values (1, 'O-01', 'DE', 1),
               (4, 'O-02', 'AT', 2),
               (5, 'O-03', 'DE', 2),
               (6, 'O-05', 'AT', 2),
               (8, 'O-06', 'DE', 3),
               (10, 'O-10', 'DE', 3),
               (11, 'O-11', 'AT', 3),
               (12, 'O-123', 'DE', 1)
    )
   , customers (id, country, name) As
    (
       Values (1, 'DE', 'John Doe'),
              (2, 'AT', 'John Snow'),
              (3, 'DE', 'Johnny B. Goode')
    )
Select *
    From orders As o
    Inner Join customers As c On c.id = o.customer_id;
```

1. Select Customer Name and orders in his/her home country + not in the home
Expected result:

name	same	different
John Snow	2	1
John Doe	2	0
Johnny B. Goode	2	1

2. Find the gaps in orders ids, i.e. missing id values in the sequence
Expected result:

start	End
2	3
7	7
9	9

3. Find gaps in orders numbers, i.e. missing number in the sequence
Expected result:

start	End
4	4
7	9
12	122

Python Task

1. Scrape the data from Zillow (for New York) - https://www.zillow.com/new-york-ny/
2. Go throuh all the listings there
3. Collect all the data points from the listing:
    a. Link
    b. How many days on Zillow: 55 days on Zillow
    c. Price: 399.000
    d. How many bedrooms: 1, 2, 3..Studio, etc.
    e. How many bathrooms
    f. Square meters/feets
    g. Type of the ad: House for Sale
    h. Address: 210 E 63rd St APT 7D, New York, NY 10065
    i. Company/Broker
4. Show stats on the collected data:
    a. How many properties
    b. Average price (in total) and per sq.ft.
    c. Number of properties per type of the ad
    d. Number of properties per company/broker