Sentence = " we_are_in_a class" .   ①

Sentence.split() — call method split
         ["we", "are", "in", "a", "class"]

Sentence.split ('e')

   " we_are_in a class. "

   ["w", " ar", " in a class"]

date = " 07/15/2020"

date.split ("/")
      ["07", "15", "2020"]
             ↑
             o
             ↓
date.split ("/")[0]   (07)

Sentence.swapcase ( )

(2) If - ~~all~~ Else statement

```
cube = []
numbers = [2, 4, 5, 6, 8, 9]
    squares = []
for num in numbers:
    if num % 2 == 0:
        squares.append(num ** 2)
```

elif else: cube.append(num ** 3)

elif
If   == 7:
assign   ~~Question~~ $y = mx + c$ ✓   data science

1. A number is ~~divisible~~ by 2 if ~~it end~~ the number ends with 0 or even number

   2438

2. A number is divisible by 3 if the sum of digits of the number is divisible by 3.

3. A number is divisible by 4 if the last 2 digits of the number is divisible by 4.

   2 4 5 9 4 8

4. A number is divisible by 5 if the last digit is ~~divisi~~ 0 or 5

5. A number is divisible by 6 if the number is divisible by 2 and 3.

statement **and** ③

statement	and	
T	T	T
T	F	F
F	T	F
F	F	F

or

	or	
T	T	T
T	F	T
F	T	T
F	F	F

and
0

or

Dictionary (4)

string —

List — [   ]

Dictionary — {   }
                ∧
         Key — value · pair ·

Country = { "USA": "WA", "UK": "London" }

   country·keys()
        = USA, UK
   country·values()
        = WA, London

Country ["Nigeria"] = ["Abuja"]
                ↑   ↑
              key   value·

Student = { "Omolewa": 34, "Shayo": 26 } *
             ↑   ↑   ↑   ↑

student ["shayo"] = 36
            ↑
student ["Ihuoma"] = 16