Codes Python

Exit Python console (python3) = exit() or control + D

Calculations:

+ - / \*

\*\* power equation

Sentences:

When merging text add “at the end and start of the sentence” and when adding pieces of text together with (+) don’t forget the proper spacing.

“…” + “…”

Repeat:

“…”\*n

Methods:

Uppercase: “…”.upper()

Letter/number count: len(“…”)

Amount of numbers count: len(str(…)) (str = strings and int = integers)

Variables

a = 3, b = 5

a\*b = 15

Print quotes:

When setting a verbal variable (such as ‘name’) it will come up as ‘Hannah’. print(name) prints the variable without those apostrophes.

**Sort variables:**

lottery = […,…]

lottery.sort()

print(lottery)

or

lottery.reverse()

lottery.sort()

print(lottery)

to add a variable

lottery.append()

lottery.sort()

print(lottery)

indexes (to show a number in a sequence)

print(lottery[0]) 🡪 for number 1, [1] for 2, [2] for 3

delete something from variable sequence

lottery.pop(…)

**Create dictionary:**

dictionaryname = {‘value’: ‘…’, ‘value\_value’: [sequence, sequence]}

e.g. participant = {‘name’: ‘…’, ‘country’: ‘…’, ‘favorite\_numbers’: […,…]}

print(participant[‘name’])

add more variables to dictionary

dictionary[‘new variable’] = ‘new value’

remove variable from dictionary

dictionaryname.pop(‘variable’)

display dictionary

dictionaryname e.g. participant

alter value in dictionary

dictionaryname[‘variable’] = ‘new value’

**Comparison:**

< smaller

> bigger

== equal to

!= unequal to

<= less than or equal to

>= bigger than or equal to

and 🡪 both comparisons need to be true or false

or 🡪 one of the two commands needs to be true or false

Sublime Text

SublimeCodeIntel

* UNDP published report on Monday
* Investigating 800 most important universities in Europe – in all ways: buildings energy neutral, teacher gender, students gender, chance of job when graduating from uni, how far is campus from city centre, relationship between students and stadjers, sufficient transport, how is the weather, enough sports facilities

🡪 relationship between students and stadjers best in Groningen