Thursday 11th

List

Lists are used to store multiple items in a single variable.

Lists are one of 4 built in data types in python used to store collections of data, the other 3 are tuple, sets, and dictionary.

List items are ordered, changeable and allow duplicate values.

When we say lists are ordered we mean it stays original.

If you add new items to the list, it will be added to the end of the list.

We can change deleted and add to list after it is created.

shopping\_list = ["bread","crisps","biscuit","cake","drink","sweets","cookies","fruits"]

print(shopping\_list)

Len function:

Check the value of what you want. For example, if you say print (Len(shopping\_list) outcome is 8 because

**Tuple**

Tuples are used to store multiple items in a single variable.

Task 075

nums = [123,345,234,765]

for i in nums:

print(i)

selection = int (input ("Enter a number from the list: "))

if selection in nums:

print(selection,"is in position",nums.index(selection))

else:

print("That is not in the list")

Why is index used?

Index is used to define the position of the variable.

What will it display?

