PYTHON REFRESHER 2

\# __Agenda__

      ↳   Break, pass and continue

      ↳   Static v/s Dynamically typed language

      ↳   Mutability in different Data types

      ↳   Lists

      ↳   List comprehension

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* __Mutability :__

$$x = 23 \quad \rightarrow \quad id \quad A$$
$$x = 24 \quad \rightarrow \quad id \quad B$$

immutable

\# If you change something in a variable and if the change is made at different memory location then it's immutable.

\# $l = [1, 2, 3] \quad \rightarrow \quad$ X memory loct

⇒ l.append(2)

⇒ l → [1, 2, 3, 2] ⟶ X is memory locat'

★ Pair sum →

Write a function which accepts 2 values.

A : An integer
B : List

A = 10
$\overset{0 \quad 1 \quad 2 \quad 3 \quad 4}{B = [1, 2, 3, 5, 8]}$

If sum of a pair in the list B is equal to 10 then return 1 else return 0.

Do not add some of same index elements

i → range(5) ⇒ 0, 1, 2, 3, 4

j → range(5) ⇒ 0, 1, 2, 3, 4

HW : Check for consecutive sum.