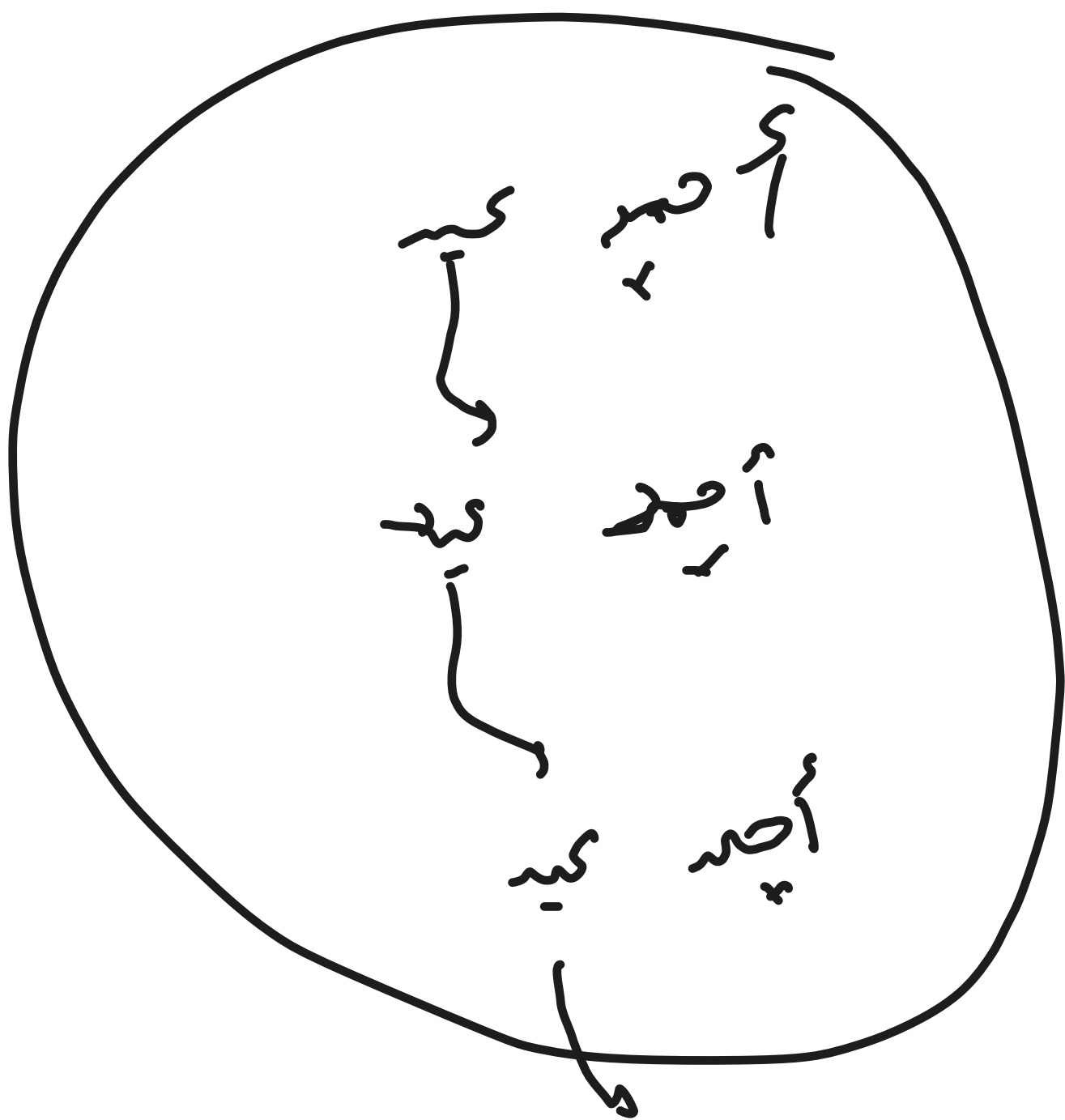


Session 4

loops التكرار



1 → 100
 Count > 1
 Count > 2
 Count > 3
 |
 Count > 100

while loop

while (condition)
 {
 loop body
 } → break loop

do while loop

do { loop body
 } while (condition)

for loop

for (init; condition; ++/-) {
 loop body
 }

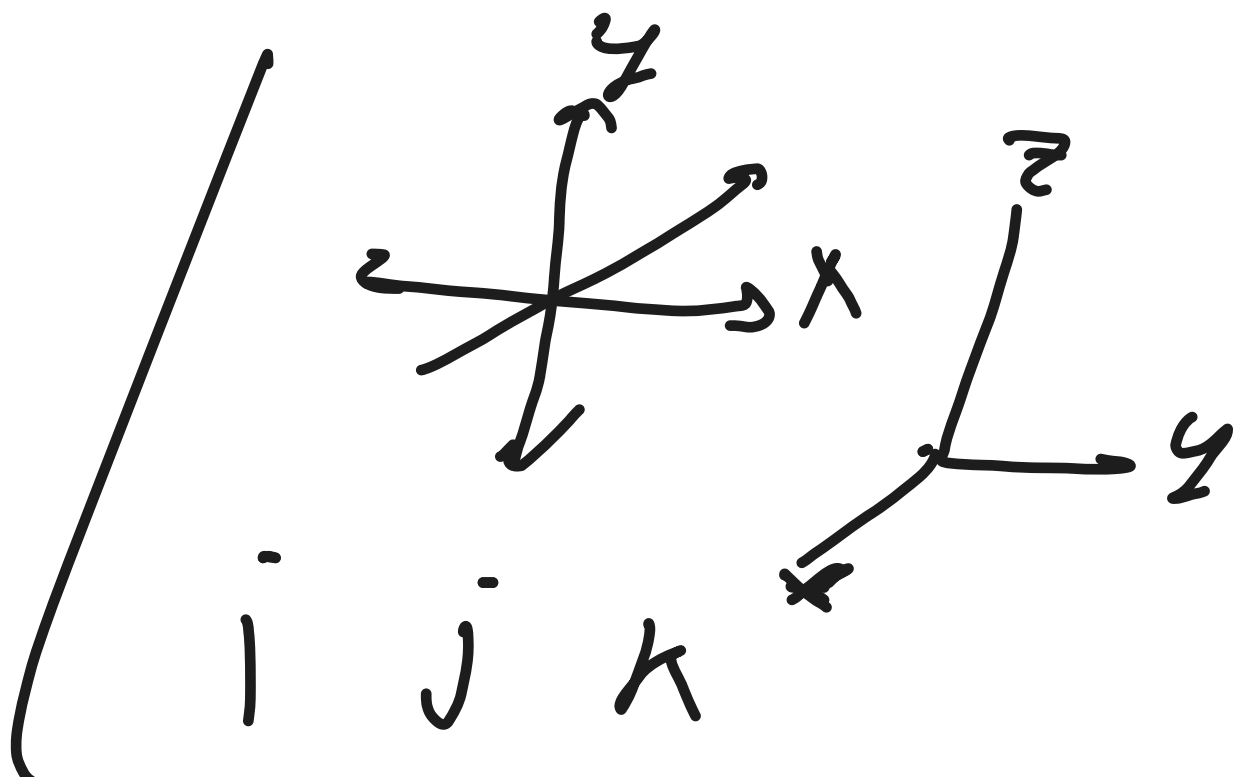
break

يتكسر اللوب

continue

skip باقي اللوب

Programming = math



for loop

$$\sum_{i=0}^{n-1} i^2$$

even numbers

$$5! = 5 \times 4 \times 3 \times 2 \times 1$$

$$\prod (i+2)$$

جول القرب

