## LOOPS and Iteration

- They are used in any and every programing Language.

- The main purpose of loops are that the help we avoid republians.

\_ I have a class

Ali 70 100 X 80

Y 75

2 79

Q. Write a program such that it takes input I students mark and finds their avg.

DECLARE CLOSAVG: REAL

DECLARE St1: INTEGER

DECLARE St3: INTEGER

DECLARE St3: INTEGER

DECLARE St3: INTEGER

INPUT Stl

11 St2

11 St3

11 St7

Sum = St1 + St2 + St3 + St4

Class\_Avg = sum / 4

OUTPUT claus Avg.

Made with Goodnotes

Here is where loops come in increments was true.

FOR (i) in range 1: (90,00,000) DECLARE St1 INPUT student Q Print First 10 numbers. OUT PUT 1 >10,000 11 2 11 3 10,001 27 X // 23 2 counter stanting -> FOR (i) in range (1: 10,000 X utput i 22 embing poid. OUTPUT : 10,000 10,000 10,001

Print first 6 number Manual Loops OUTPUT For i in range 1:8 - OUTPUT I \_ T OUT PUT 2 4 3 + (7) output 3 OUTPUT 9 1 6 output 5 OUTPUT 6 O Print the table of 5 till 10 using FOR Loop - S - 40 loc Ps-10 - 95 15 -50 20 30 35