

# Introduction to Flowcharts # L1.1

Date - 21/06/2025

- there is initialization step, then we keep repeating
- step wise procedure in formal way

↳ Flowcharts and Pseudocode

- symbols in flowchart



Process / Activity  $\Rightarrow$  set of operations that change the value of data (variables)



Flowline / Arrow  $\Rightarrow$  shows the order of execution of program steps



Decision  $\Rightarrow$  determines which path the program will take



Terminal  $\Rightarrow$  indicates 'start' or 'end'.



ex, Flowchart for counting cards

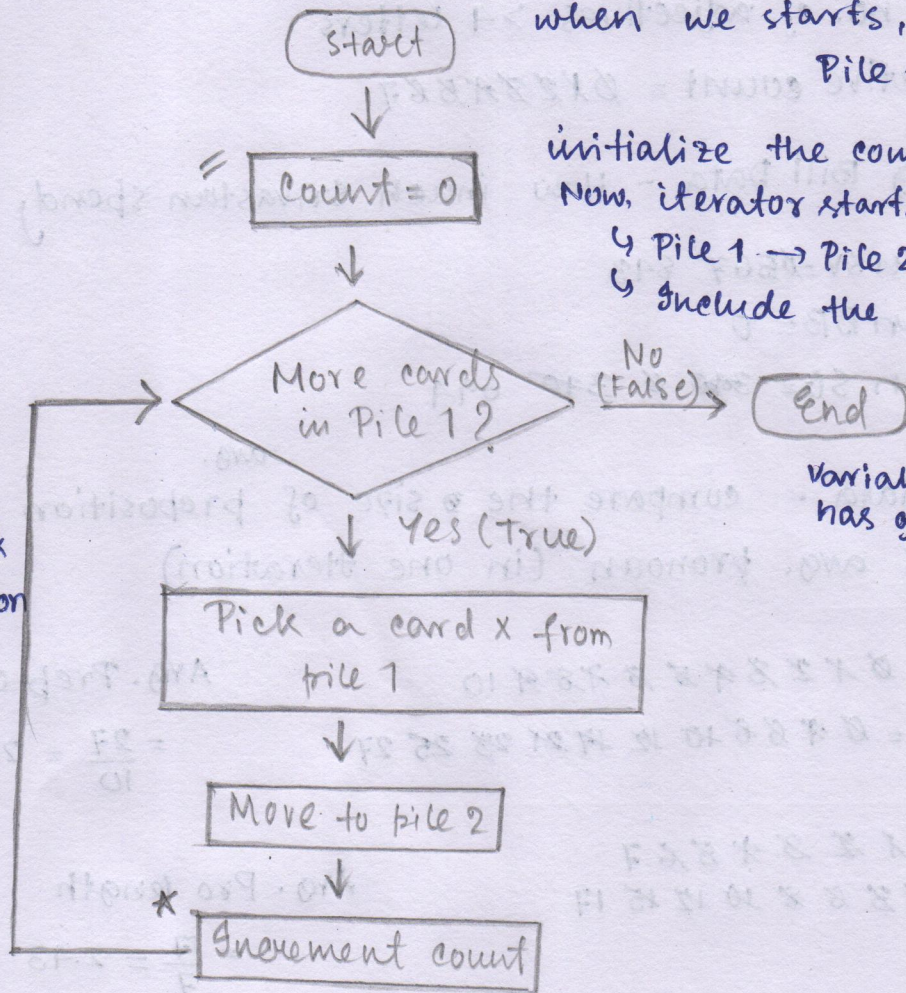
when we starts, cards are in a pile,  
Pile 1

initialize the count to 0

Now, iterator starts.

↳ Pile 1 → Pile 2

↳ include the value of variables.



variable count  
has got its value.

ex, Flowchart for sum of maths marks.

sum = 0

Rest remains  
the same  
⇒ Accumulate the  
sum

Add count x's Maths.  
score to sum



- generic flowchart for iteration

