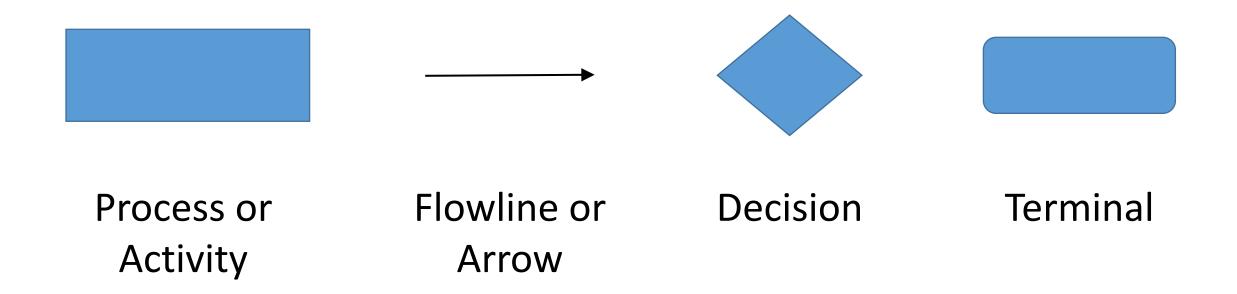
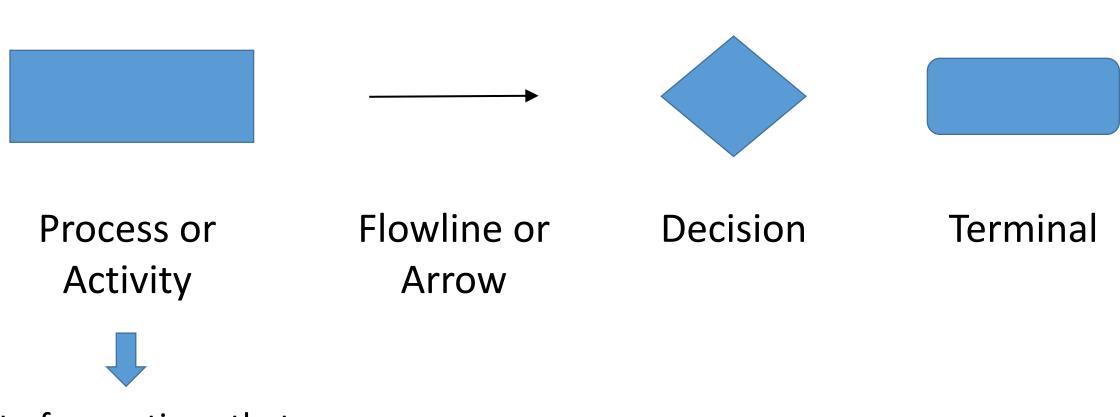


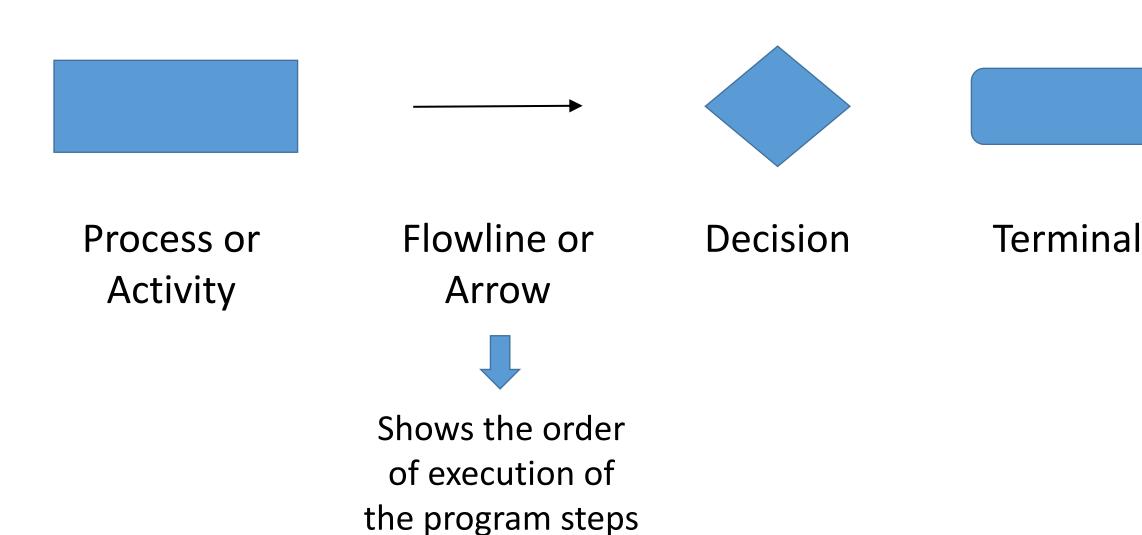
IIT Madras ONLINE DEGREE

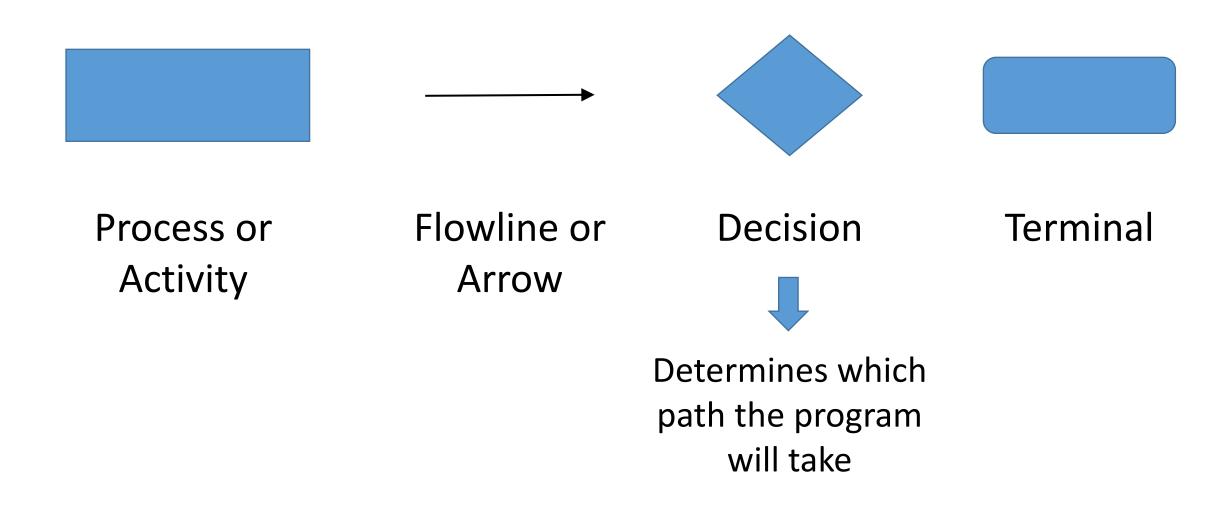
Introduction to Flowcharts

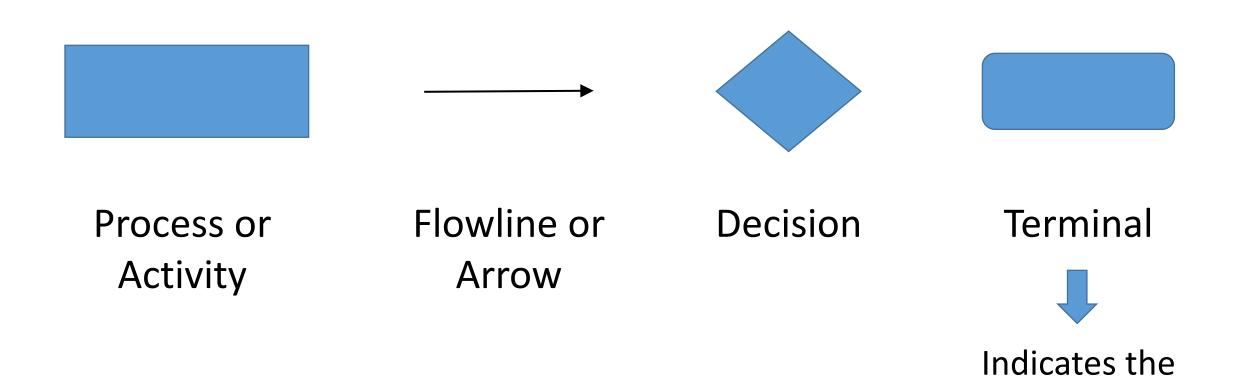




Set of operations that change the value of data (variables)

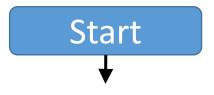




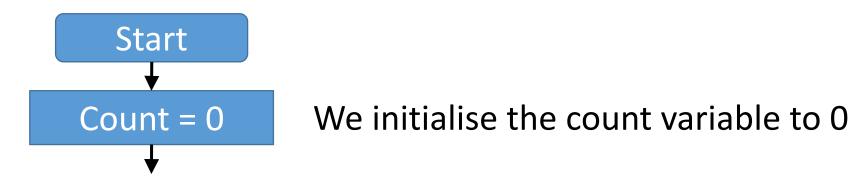


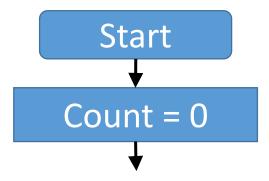
"Start" or "End"

of the program



When we start, the cards are all assumed to be in a single pile - called Pile 1



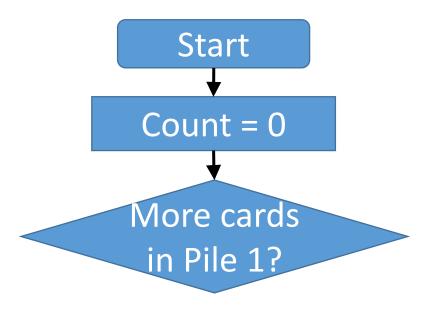


This is where the iterator starts.

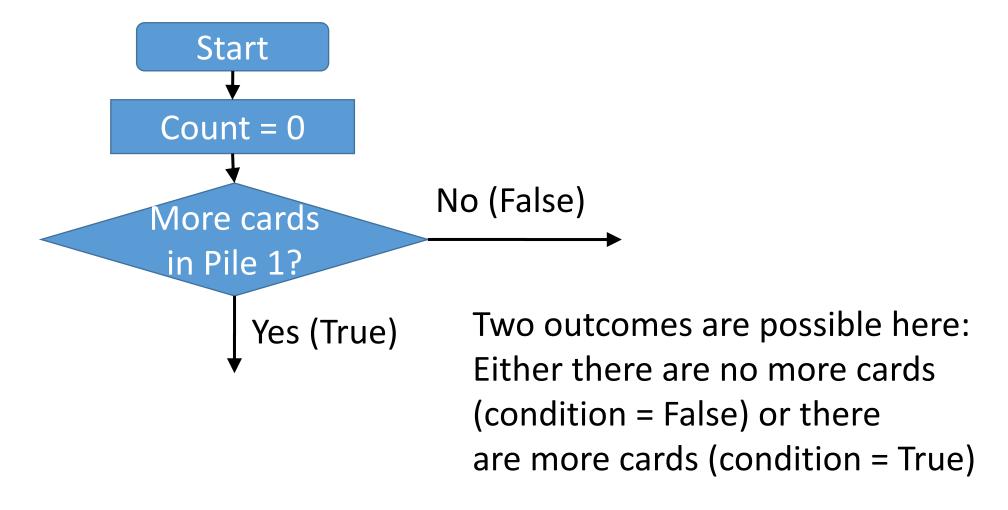
We need to repeat the following steps:

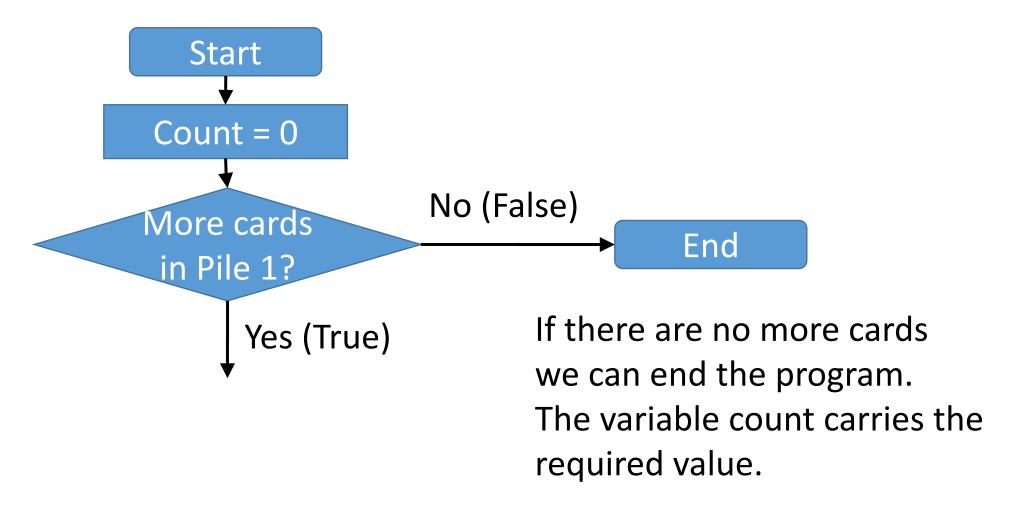
- Pick a card from Pile 1
- Move it into a different pile (say Pile 2)
- Increment the value of count

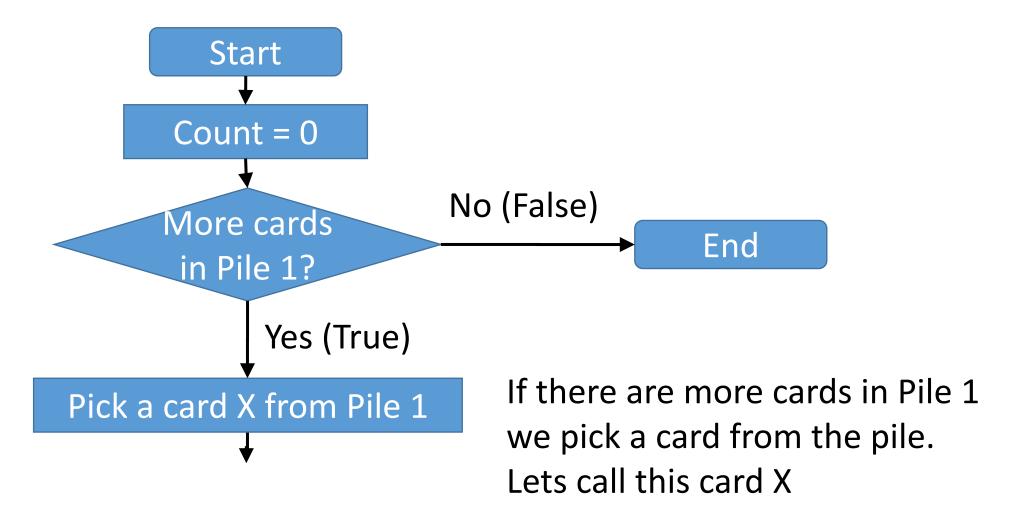
The iteration stops when Pile 1 is empty

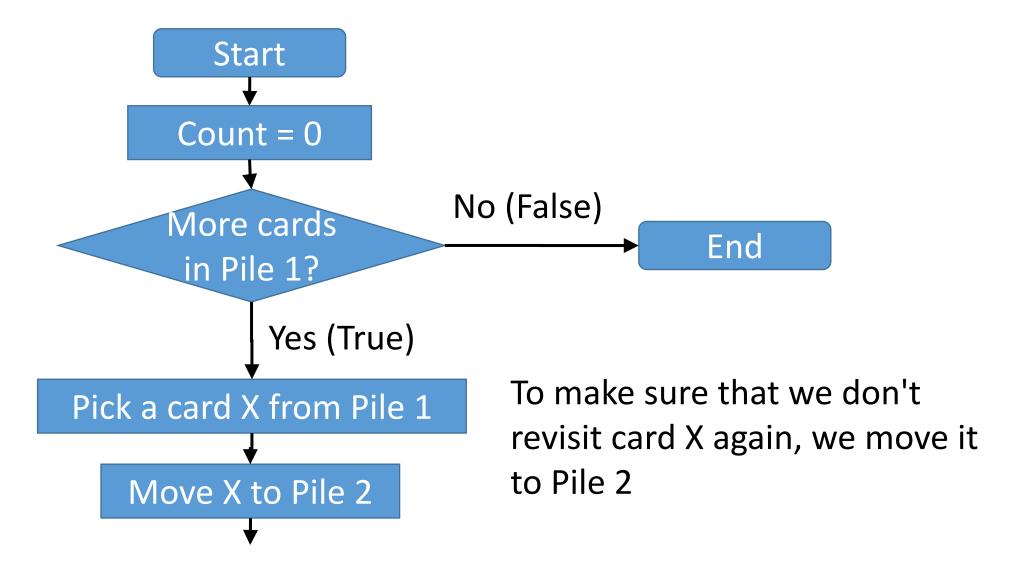


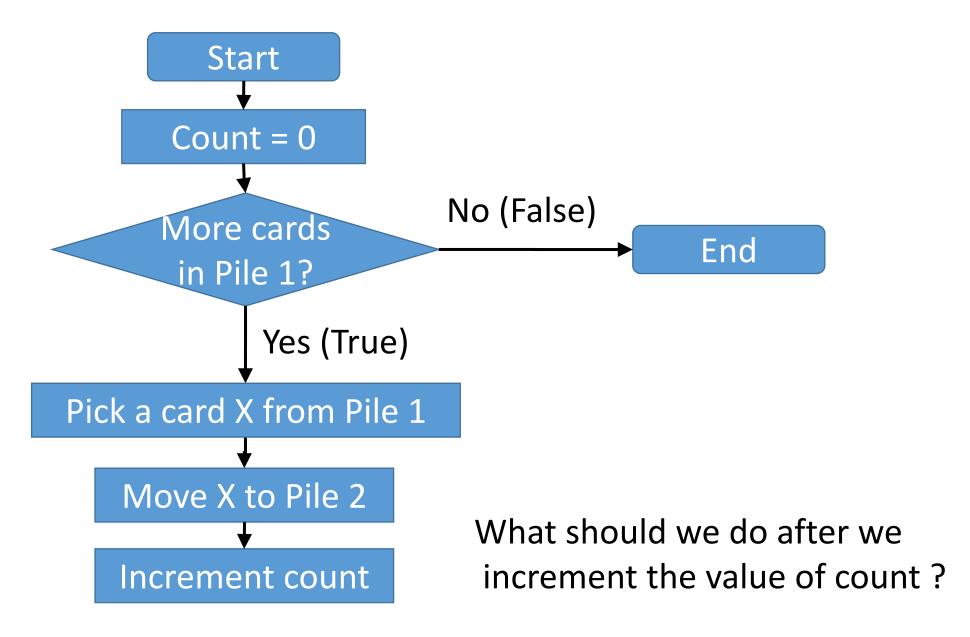
We need to pick a card from Pile 1 But we can do that only if there are more cards in Pile 1 to pick!

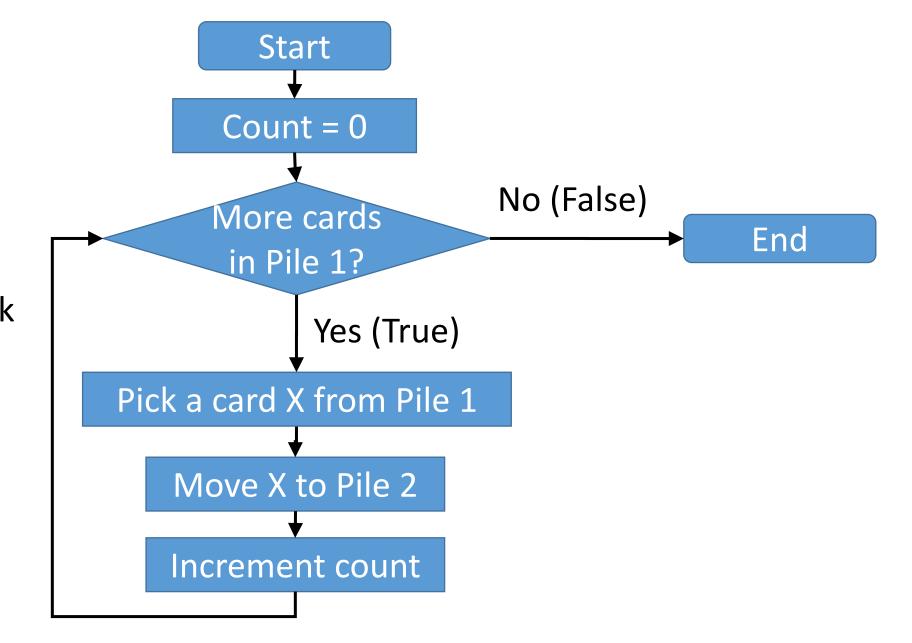






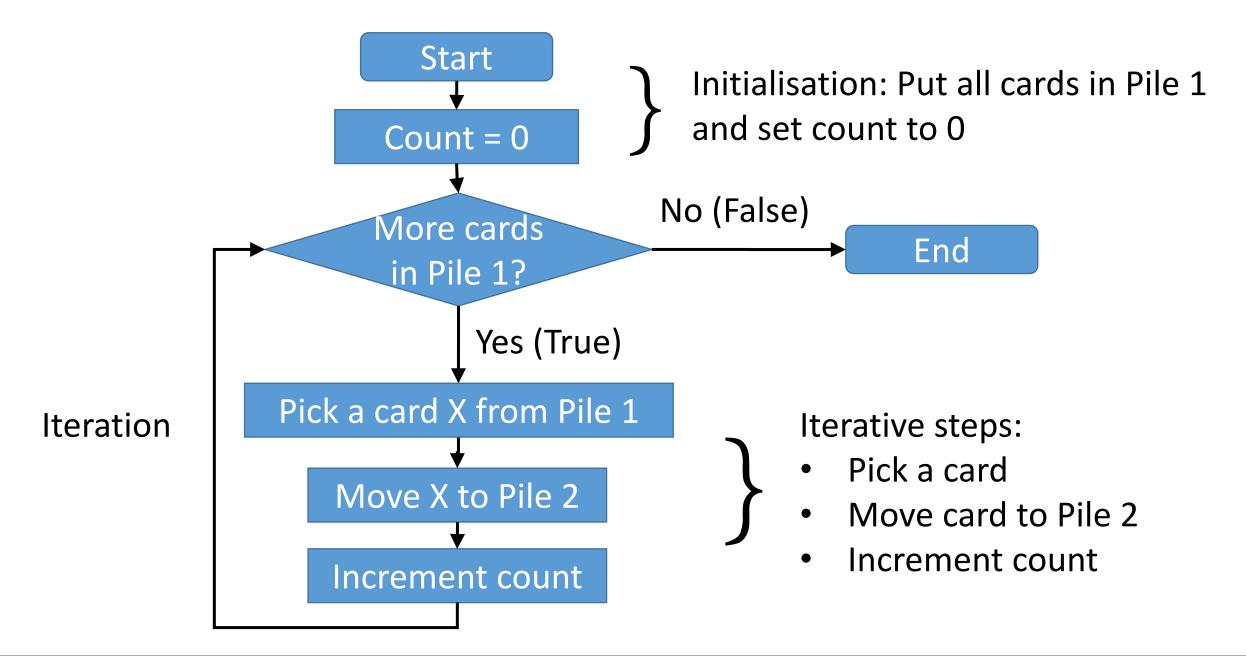




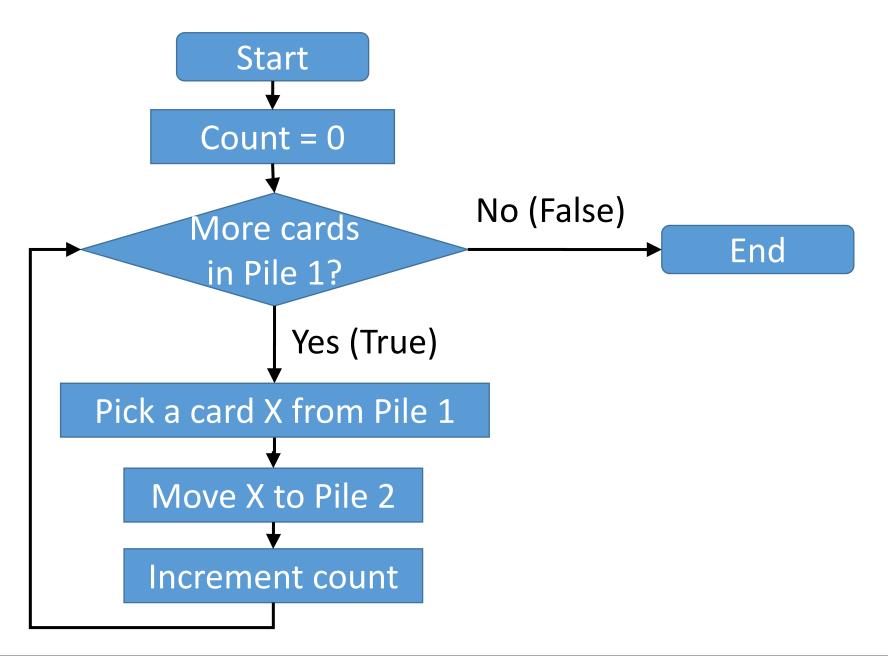


We go back to the beginning of the iteration!

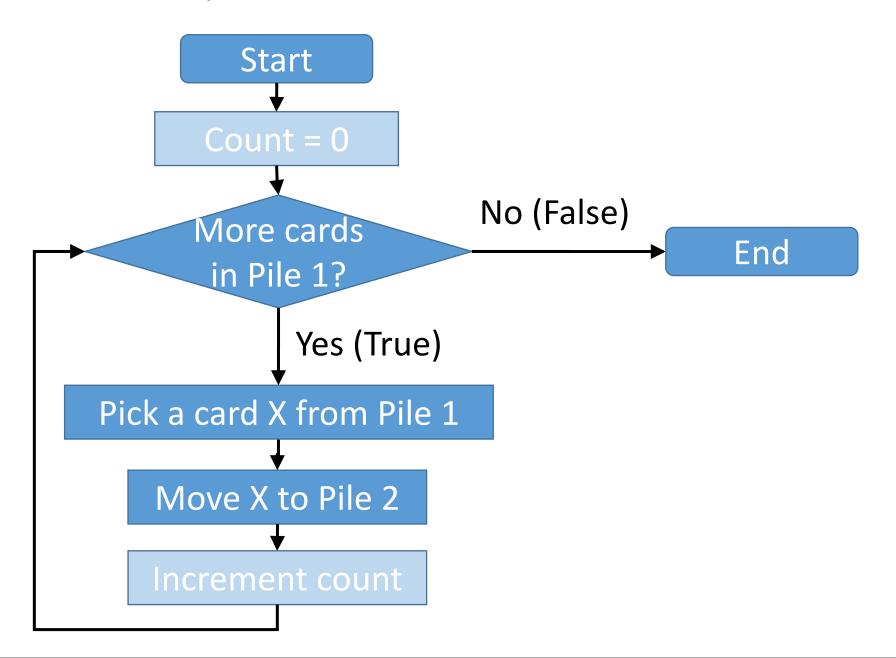
Summary: Flowchart for counting cards



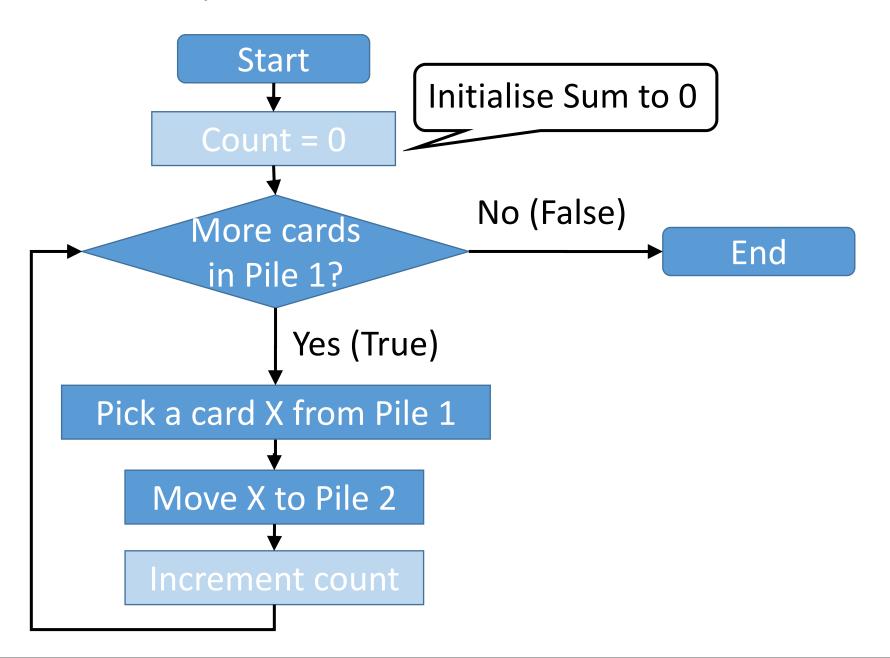
Flowchart for Sum of Maths Marks



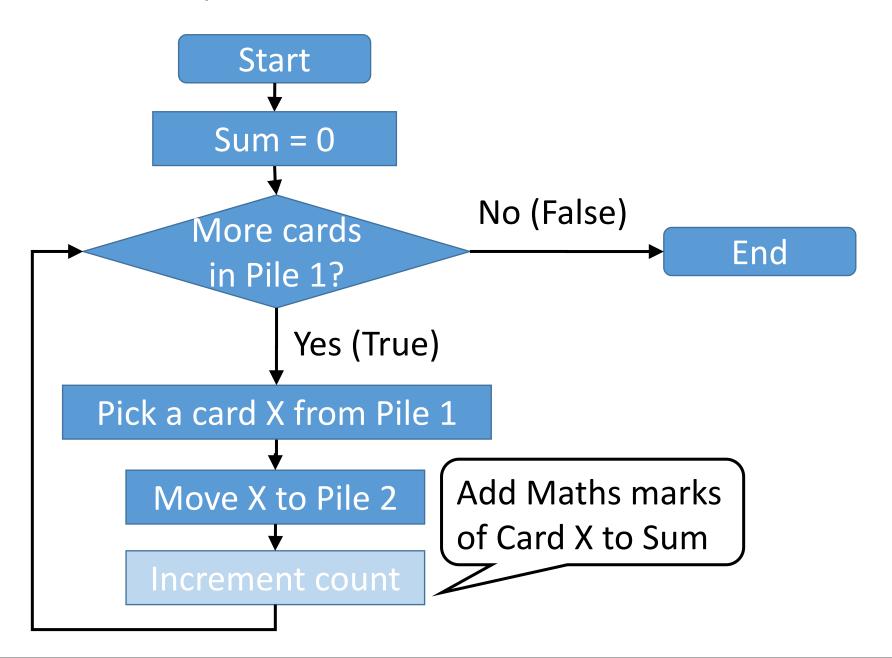
How do we modify this to do Sum of Maths marks?



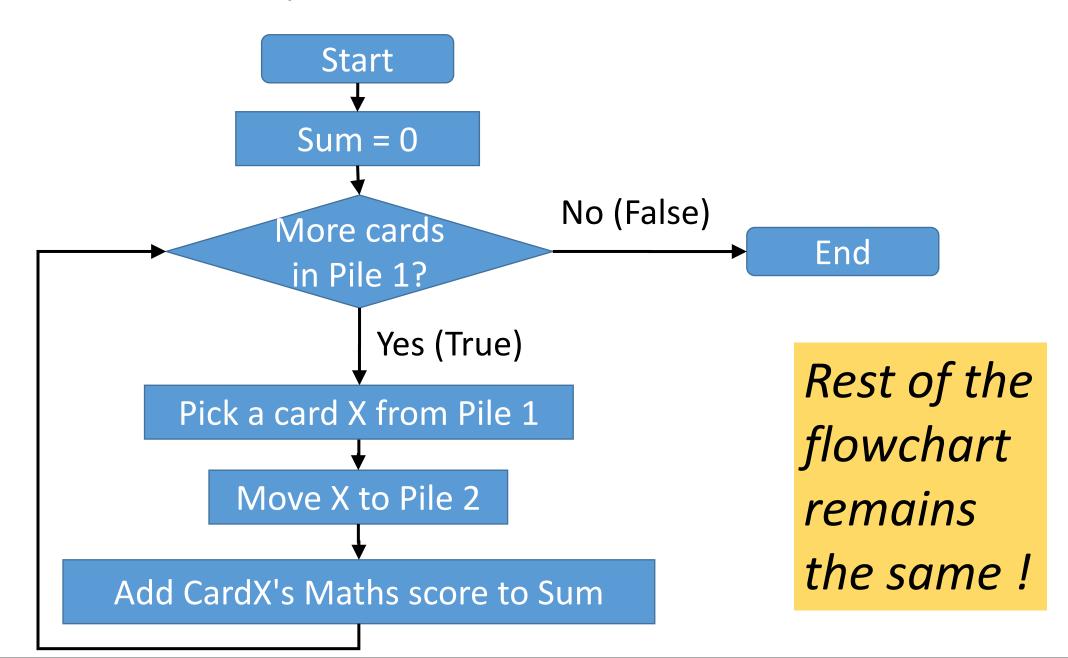
How do we modify this to do Sum of Maths marks?



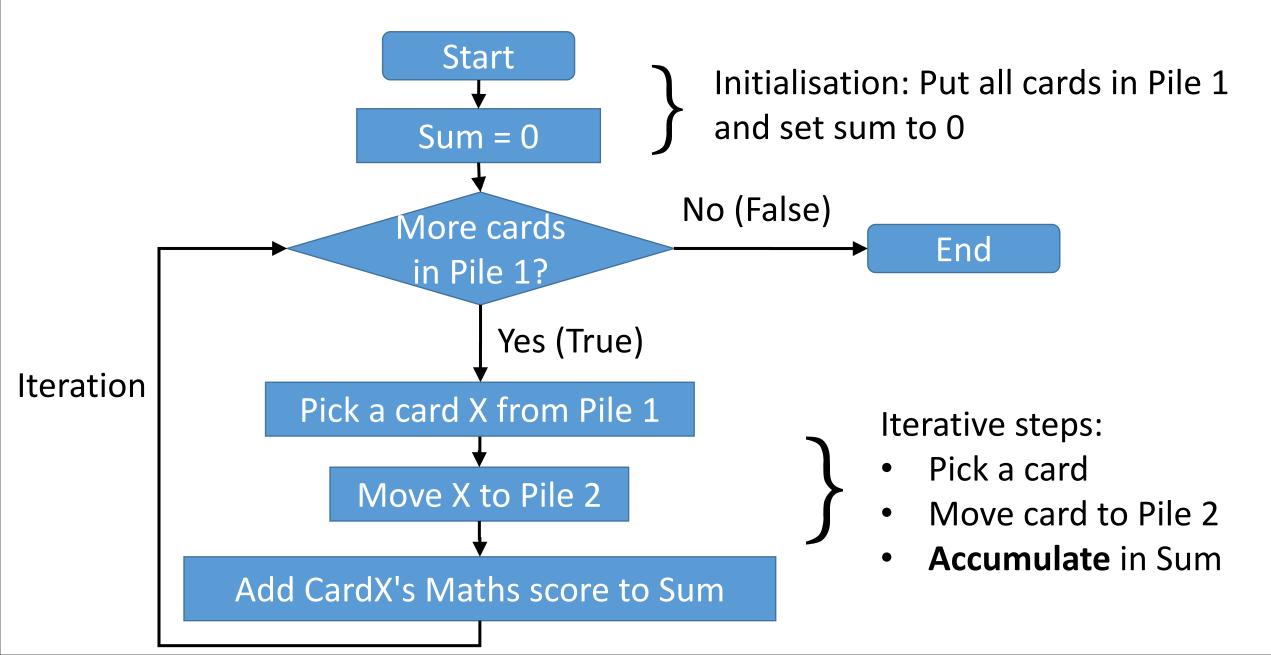
How do we modify this to do Sum of Maths marks?



How do we modify this to do sum of Maths marks?



Summary: Flowchart for sum of Maths marks



Summary: Generic flowchart for iteration

