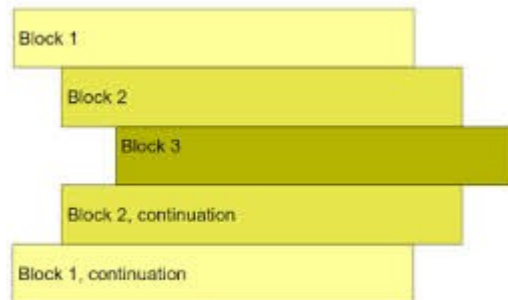
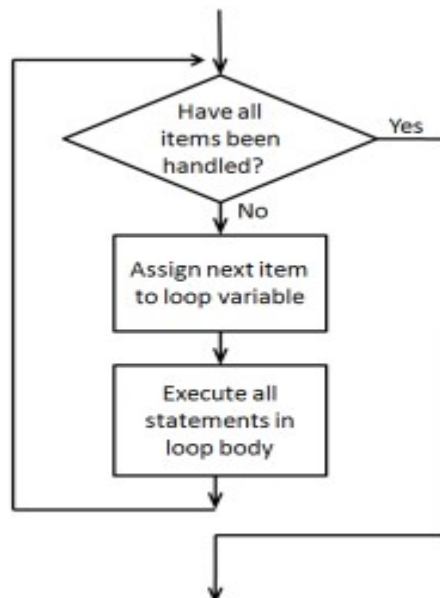


# Python's Indentation & Looping

- Indentation



- for and while
- **For Loop**



- **Iterate over items rather than index**
  - syntax: `for <iterator_variable> in <list/tuple/dictionary/string>:`  
statements here
  - run: `for value in ["python", 2.7, 1991]:`  
print value
  - output: python  
2.7  
1991
- **While Loop**
  - Run for a particular Condition
  - syntax: initializing a variable

- while <condition>:  
    statements here  
    update variable
- run:     count = 0  
    while count <3:  
        print count  
        count = count + 1
- output:  0  
           1  
           2

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