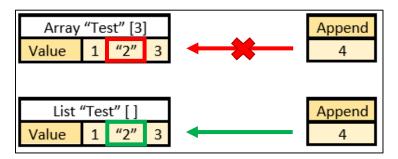
Linked list

Linked list is object linked together by line formation which require header.

Why linked list is needed

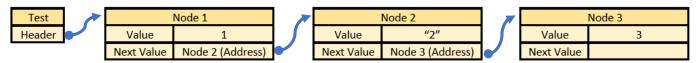
- Normal array cannot append the last index further of declaration.
- Array cannot mix different parameter types together



Comparison between "array" and "list"

Explanation in list with diagrams

In long...



In short...



Remark: Depends on your style to create classes with initial function or not ,but in this example is no initial included.

Create list

Class list() -> Contain only header (1 parameter) ---> Test = list()

Create node

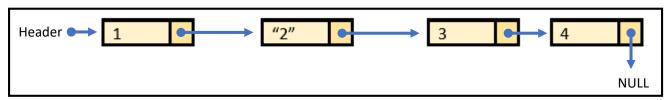
Class node() -> Contain value and next value (2 parameters) --> Node1 = node()

Insert from last index (Append)

Create new node where value = 4 ---> Node4.node() ---> Node4.value = 4

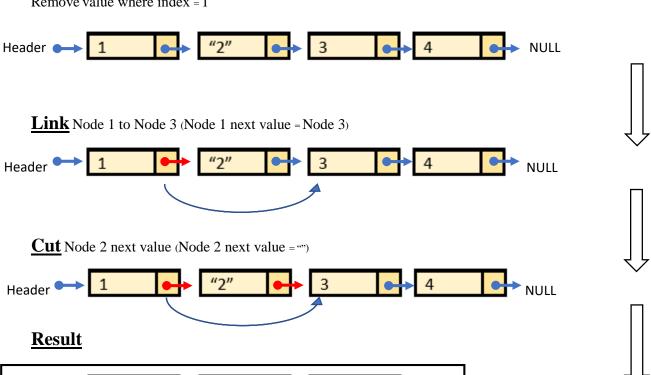


Link the last node with new node



Removed by index

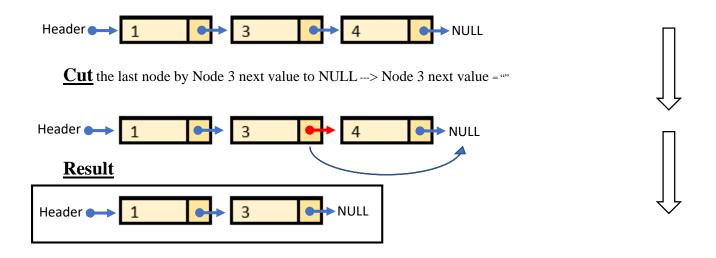
Remove value where index = 1



NULL

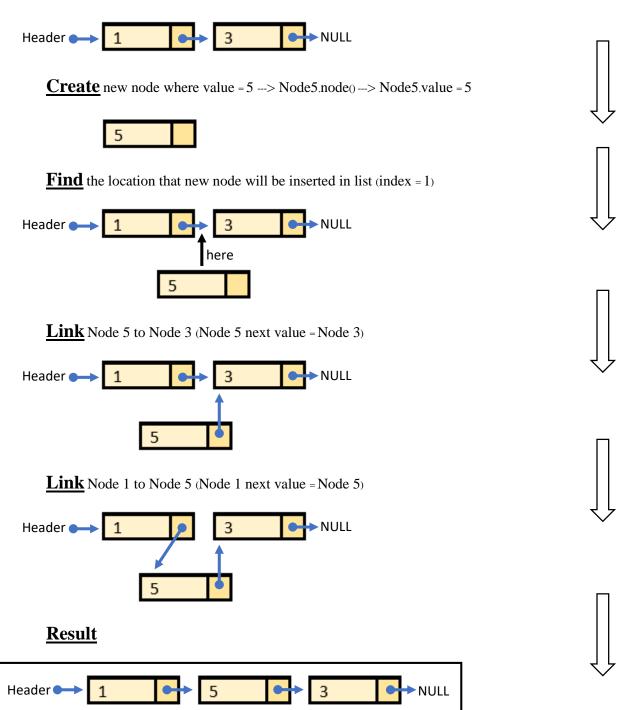
Removed from last index

Header •



Inserted value from index

Insert value where list index = 1



Inserted value from header -

Insert new node at index = 0

