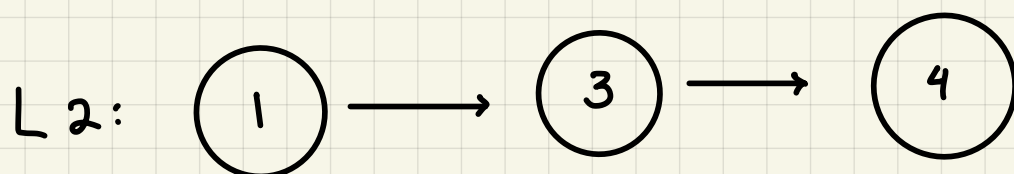
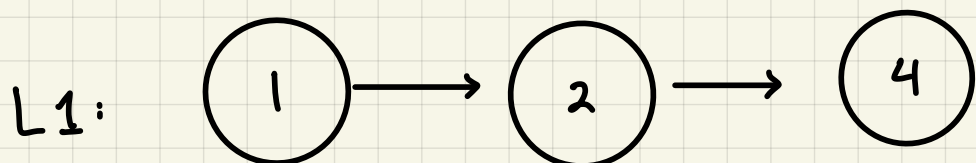
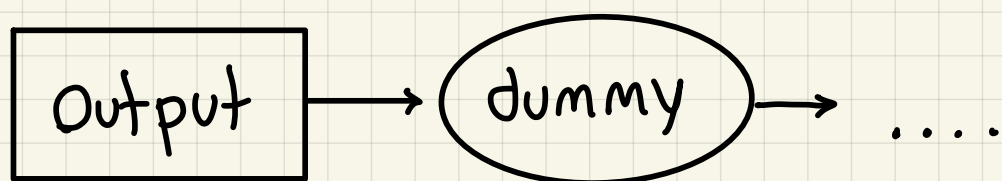


Merge Two Linked Lists

Let's say you have two linked lists:



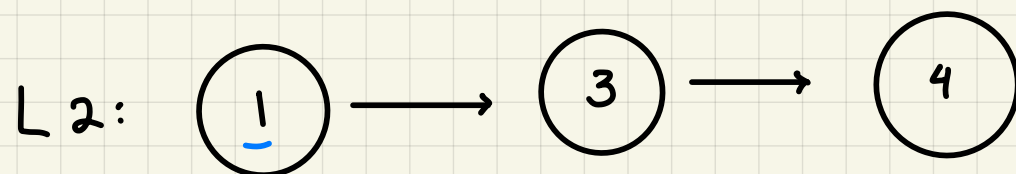
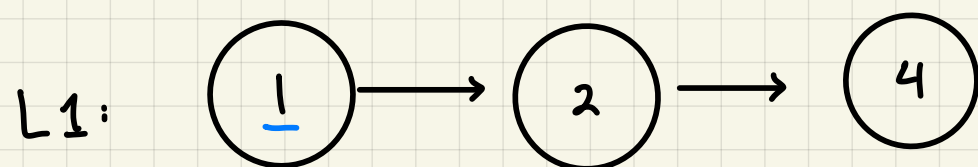
We will create dummy node for edge cases:



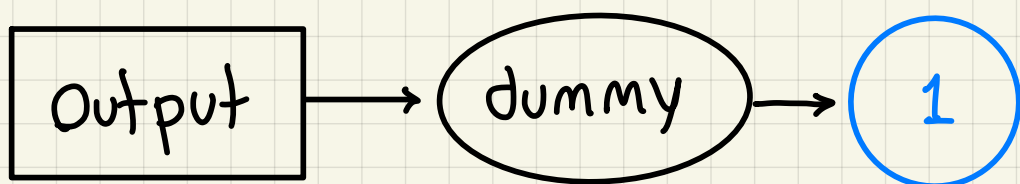
Iterate through lists while neither of them are null

- ① compare each list node val
- ② the lesser of the two list node vals,
put into the list
- ③ iterate to the next node in the list
that had the smaller val
- ④ Repeat steps 1-3 until end of shorter list
- ⑤ place the remaining values of the longer
list into list

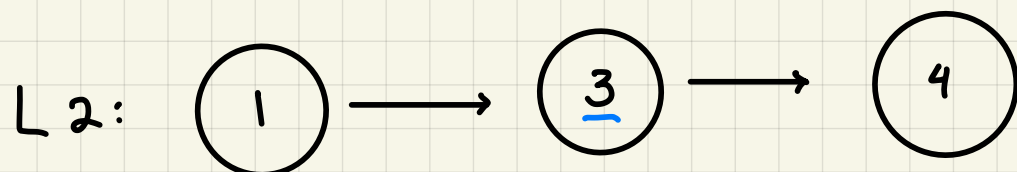
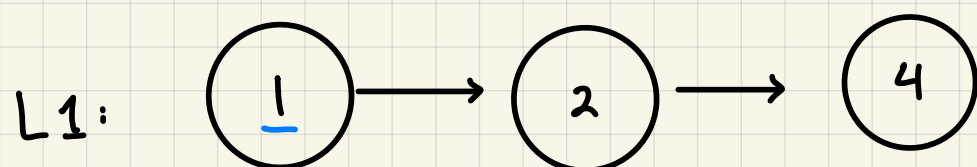
Visualization



• compare



Next iteration:



Next iteration:

