

CSE 212 – Programming with Data Structures
W01 Prove – Response Document

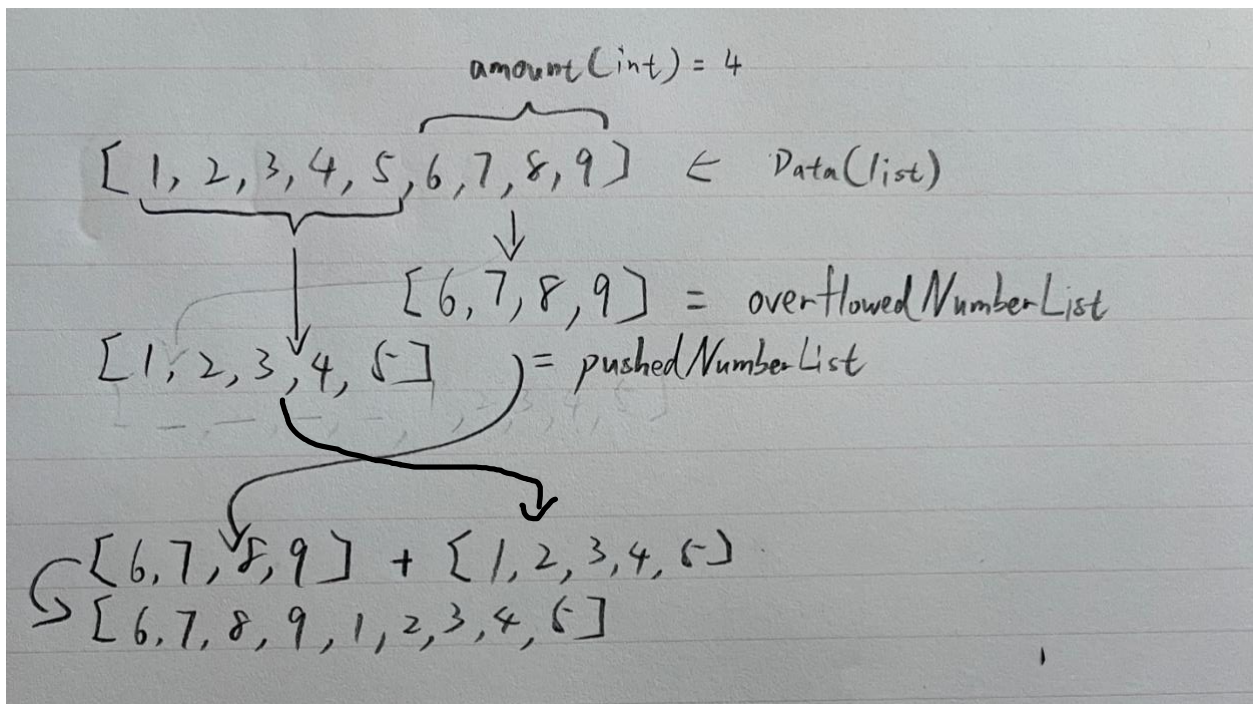
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Question 1: For the rotate right problem, provide a description of how you solved the problem.

I used the amount as the slicing value to slice the data list. However, because the amount is the number of times that the items of the list get pushed to the right, I need to slice the list backwards. Or I can calculate the slicing point by subtracting amount to the length of data. ($\text{len}(\text{data}) - \text{amount}$) After I have a reference point, I can slice the list with this new slicing point I got from calculation, store both ends of the list and concatenate them the other way around. Return the new list from concatenation and I will get the right new rotated list.

Question 2: For the rotate right problem, draw a picture of how you solved the problem.



Remember: You need to submit the following code files in addition to this document:

- 01-prove_multiples_of.py
- 01-prove_rotate_list_right.py