Question 1:

Write a code (using any of your preferred programming languages) where you have to show all the operations of Single Linked List. For example, when you will run the program, it will show a menu like below:

Please insert your option:

1. Insert Node at the beginning
2. Insert Node at the end
3. Insert Node at the Middle
4. Delete Node from beginning
5. Delete Node from End
6. Delete Node from Middle
7. Display the List
8. Find a Value From the List
9. Exit your code

After user input (either 1 or 2 or any other number showed in the menu), the code will further move to the next section, and if required, the code will also ask for more input. If a code cannot do a certain operation, it will show some message to the user. For example, If there are no values in the list and if a user press 7, then the code will display "List is empty, Insert some value first." You have to check all the conditions that may arise and display some messages to the user accordingly.

If a user inputs a wrong input first (e.g., 12), the code will show: "Your Input is wrong, please choice between 1-9". Please note the code will only end if a user will insert the value 9.

Submission Instruction:

You have to submit your code using google classroom. You have to upload your code using .zip format. Your Zip file name should be "Your Full Name.zip." For example, if I want to submit my file, the name of my file should be Amit Kumar Das.zip (As my name is Amit Kumar Das). The .zip file will contain your code (either c/c++/java/python/any programming you like).

Those who will submit first (First Five Student) will get the bonus marks.

Lastly, I will not provide any clarification of the question. You have to understand on your own. Please reread the question if you don't understand what to do.