Tutorial 1

1. Stacks and queues are linear data structures that allow one to access single data item at a time.
2. Compare (look for similarities) and contrast (look for differences) stacks and queues in terms of adding, removing, size, and emptiness. Note the wording is important; e.g.: *add 🡪 push*
3. Illustrate how would you *push* [7, 6, 3, 5, 9, 0] to a stack data structure.
4. Explain how you would *push* “2” in-between “6” and “3.”
5. Write pseudo or source code to check if a stack is empty and full.