1. True or False (Circle one): The operation size() of the List ADT runs in $O(1)$-time.

2. If the List ADT is implemented using an array, then, an get($i$) operation takes time $O(1)$ and an add($i, e$) operation takes time $O(n)$.

3. If the List ADT is implemented using a doubly-linked list, then an get($i$) operation takes time $O(n)$ and an add($i, e$) operation takes time $O(n)$.

4. If the Positional List ADT is implemented using an array, then a first() operation takes time $O(1)$ and an addAfter($p, e$) operation takes time $O(n)$.

5. If the Positional List ADT is implemented using a doubly-linked list, then a first() operation takes time $O(1)$ and an addAfter($p, e$) operation takes time $O(1)$.

6. **Bonus.** A(n) ____iterator____ is a software pattern that always provides sequential traversal through a data structure.