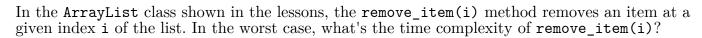
Week 7 Quiz

Q1.



- A. 0(1)
- B. O(logn)
- C. O(n)
- D. O(n^2)

Q2.

What abstraction does a stack data structure provide?

- A. First in, first out
- B. Last in, first out
- C. Retrieve the element at a given index
- D. Return a random element

Q3.

A Python list can be used as a queue by appending items to the end of the queue and removing items from the front of the list using pop(0). What's the time complexity of pop(0)?

- A. 0(1)
- B. O(logn)
- C. O(n)
- D. O(n^2)