Introduction to Algorithms

Section A

1. What is an Array in Data Structures?

2. What is a Linked List in Data Structures?

3. What is an HashMap (or Dictionary) in Data Structures?

4. What is Set in Data structures?

5. Differentiate between a Linked List and an Array.

6. Under what condition(s) would you prefer a Set to an Array, and vice versa.

Section B

Check out the following links and write algorithms for the problems there

1. https://www.hackerrank.com/challenges/simple-array-sum/problem

2. https://www.hackerrank.com/challenges/plus-minus/problem