1. What is an Abstract Data Type?

2. Give an example of an Abstract Data Type and two possible implementations.

3. Draw an empty doubly-linked list. Show a doubly-linked list with values of 3, 8, 10 added.

4. Implement a method which given a Stack will invert its contents. You can use any collection we’ve implemented so far to do so.

5. Suppose we have a postfix expression: 3 4 – 6 2 + *. Step by step show the contents of the stack as each token is processed.