**Linked list, Stack, Queue**

1. Series of detailed guides: [Linked List](https://www.geeksforgeeks.org/data-structures/linked-list/), [Stack](https://www.geeksforgeeks.org/stack-data-structure/), [Queue](https://www.geeksforgeeks.org/queue-data-structure/)
2. University videos: [Linked List 1](https://www.youtube.com/watch?v=ZY_oSsji2Uk), [Linked list 2](https://archive.org/details/ucberkeley_webcast_-c4I3gFYe3w)
3. Series of articles about .Net data structures: [MSDN](https://docs.microsoft.com/en-us/dotnet/standard/collections/)

1. Implement linked list with such function set:

· Length

· Add

· AddAt

· Remove

· RemoveAt,

· ElementAt

Implement IEnumerable to make your list work with foreach (NOTE: you SHOULD NOT use YIELD operator)

**2.** Implement the following interface using single internal item "storage" for both FILO and FIFO flows. Use Double linked list in your implementation. Reusing your code from previous task is desirable.

public interface IHybridFlowProcessor<T>

{

void Push<T>(T item);

T Pop<T>();

void Enqueue<T>(T item);

T Dequeue<T>();

}