

Queue_using_LL

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0.0.1 Queue using Singly LL

slightly different implementation

```
[ ]: class SinglyLLQueue:
    class Node:
        def __init__(self, element, next):
            self.element = element
            self.next = next

    def __init__(self):
        self.head = None
        self.tail = None
        self.size = 0

    def sizeofQ(self):
        return self.size

    def is_empty(self):
        return self.size == 0

    def enqueue(self, element):
        new = self.Node(element, None)
        if self.is_empty():
            self.head = new
        else:
            self.tail.next = new

        self.tail = new
        self.size += 1

    def dequeue(self):
        if self.is_empty():
            print("Empty queue")
        else:
            result = self.head.element
            self.head = self.head.next
            self.size -= 1
            if self.is_empty():
```

```
        self.tail=None
    return result

def frontofQueue(self):
    if self.is_empty():
        print("Empty queue")
    else:
        return self.head.element
```