

In [1]:

```
1 class Queue:
2     def __init__(self):
3         self.queue = []
4
5     def enqueue(self, item):
6         self.queue.append(item)
7
8     def dequeue(self):
9         if not self.is_empty():
10            return self.queue.pop(0)
11        else:
12            raise IndexError("Queue is empty. Cannot perform dequeue operation.")
13
14    def is_empty(self):
15        return len(self.queue) == 0
```

In [3]:

```
1 queue = Queue()
2 print(queue.is_empty()) # True
3
4 queue.enqueue(10)
5 queue.enqueue(25)
6 queue.enqueue(30)
7 queue.enqueue(40)
8
9 print(queue.is_empty()) # False
10
11 print(queue.dequeue()) # 10
12 print(queue.dequeue()) # 25
13 print(queue.dequeue()) # 30
14 print(queue.dequeue()) # 40
15
16 print(queue.is_empty()) # True
17
18 # Attempting to dequeue from an empty queue will raise an IndexError
19 # queue.dequeue()
```

True  
False  
10  
25  
30  
40  
True