



```
def enqueue(self, item):
    if self.num >= self.max_size:
        raise Exception("Queue overflow")
    self.Q[(self.num + self.first) % self.max_size] = item
    self.num += 1

def dequeue(self):
    if self.num == 0:
        raise Exception("Queue empty")
    item = self.Q[self.first]
    self.first = (self.first + 1) % self.max_size
    self.num -= 1
    return item

def front(self):
    if self.num == 0:
        raise Exception("Queue empty")
    return self.Q[self.first]

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

def size(self):
    return self.num

def is_full(self):
    return self.num >= self.max_size

# Add this method to output the i-th element
def get(self, i):
    if i < 0 or i >= self.num:
        raise Exception("Index out of range")
    return self.Q[(self.first + i) % self.max_size]
```

```
def pyramid_sort(arr):  
    stack = []  
    max_value = None  
  
    while len(stack) > 0:  
        max_value = max(stack,  
key=stack.pop)  
        for i in range(len(arr)):  
            if arr[i] > max_value:  
                stack.append(max_value)  
                max_value = arr[i]  
                break  
  
    return arr
```

```
def delete(self,x):  
    if x <=self.num:  
        item1=self.Q[x]  
        item2=x+1  
        self.Q=self.Q[:x]  
+self.Q[item2: ]  
    else:  
        raise Exception("error")  
    return self.Q,item1
```