Double-Ended Queues

→ supports insertion and deletion at both ends of queue

Deque ADT

→ D.add_first(e): add e to front of D
→ D.add_last(e): add e to back of D
→ D.delete_first(): remove and return first el from D
→ D.delete_last(): remove and return last el from D

Implementing Deque w/ Circular Array

→ whenever we need to know index of back of deque, use modular arithmetic

```
back = (self._front + self._size - 1) % len(self._data)
```

→ rely on modular arithmetic to circularly decrement index

```
self._front = (self._front - 1) % len(self._data)
```