UML diagrams

DSAstack
- stack (array of doubles)
- count (integer)
+ getCount (none) : int
+ isEmpty (none) : boolean
+ isFull (none) : boolean
+ top(none) : topval (double)
+ pop(none) : topval (double)
+ push (int value) : none

DSA Queue

- Queue (double Array)
- count (Integer)

+ get count (none) : int count
+ isEmpty (none) : empty bool
+ isFull (none) : full bool
+ enqueue (int value) : none
+ dequeue (none) = frontval
+ peek (none) = frontval

Shuffling Queue

- Queue (double Array)
- count (Integer)

+ enqueue (int value) : none
+ dequeue (none) : frontval

Circular Queue

- Queue (double Array)
- count (Integer)

+ enqueue (int value) : none
+ dequeue (none) : frontval