**QUEUE CLASS**

The queue class contains basic queue operations like enqueue, dequeue, find if queue is empty and print the queue. There are 2 options for enqueuing and dequeuing. They can be done in the front or the rear. It also has a streaming sum function.

**STACK CLASS**

The stack class is a stack implemented by the queue class. It includes stack operations like push and pop.

**QUEUE STACK CLASS**

This class implements a queue using 2 stacks. The first stack gets the data in a stack order and the second stack is used to reverse the data of the first stack and store it in the queue order. This class contains basic queue operations like enqueue, dequeue and print the queue.

**PRIORITY QUEUE CLASS**

This class implements a priority queue of orders 1,2 and 3. It dequeues the queue in the order of highest priority. This class contains basic queue operations like enqueue, dequeue and print the queue.

**CIRCULAR QUEUE CLASS**

This class implements a circular queue. This class contains basic queue operations like enqueue, dequeue, find if queue is empty and print the queue.