Stack –

Stacks are a data structure that go by the last in, first out (LIFO) principle in their logic. The idea behind this principle is regarding the last element added to the structure being the first to be removed. This follows the idea of stacking items on top of each other, the last item in the stack is grabbed, in this case the last element in the stack is returned. Stacks are also typically applied to pop() and push() methods.

Queue -

A queue on the other hand follows the first in, first out principle (FIFO) in their logic. The name queue is fitting as this is how a queue typically works when listening to music, watching tv etc. The first element that was selected is always the first element to be returned. In programs, linked list are used to integrate queues.