

Queue interface

4. queue interface is found in java.util package. it extends the collection interface.

The queue interface follows the FIFO (First In – First Out). It is an ordered list that is used to store the items that are about to be processed. For ex, when we want to purchase a train ticket, the seats are available on the first-come, first-served. As a result the person who is in the queue receives the ticket first.

The queue interface is implemented by classes such as PriorityQueue and ArrayDeque.

The queue interface can be instantiated as :-

```
Queue<String> q1 = new PriorityQueue();
```

```
Queue<String> q2 = new ArrayDeque();
```

We will learn more about these classes in the data structure guided path.