

```

class GenericDemo{

    //Generic Method
    public static <E> void display(E[] arr) {
        for (E element : arr) {
            System.out.println(element);
        }
    }

    public static void main(String[] args) {

        String[] names= { "Luke", "Mia", "Mathew" };
        display(names);

        System.out.println();

        Integer[] numbers = { 1, 2, 3, 4, 5 };
        display(numbers);

    }

}

```

Output:

Joe

Jack

Eva

Mia

Luke

Queue is full!

The element dequeued is : Joe

The element dequeued is : Jack

The element dequeued is : Eva

The element dequeued is : Mia

The element dequeued is : Luke

Queue is empty