

# Assignment – 18

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1. Create a queue of String type colour using priority queue , add some colours and print the queue.
2. Write java code to iterate queue of numbers holding numbers in descending order.
3. Write a code to add queue created in Q1 in another queue.
4. Create Sorted Set holding month names
5. What is difference between poll() and remove(). Experience it with Code.
6. What is difference between peek() and element(). Experience it with Code.
7. Create Item class with itemid, itemName. Add Item objects in stack. Display and remove each item from stack until it is empty. Use Stack class from collection.
8. Create Queue using LinkedList class to hold Item objects. One by one remove each element from queue and add it simultaneously in stack. **Show the elements from queue in reverse order** of their removal from queue.
9. When to use Stack and when to use Queue type implementation?
10. Show implementation of Stack and Queue using array with size 5.