```
import java.util.ArrayList;
import java.util.Scanner;

public class queue {
    int rear;
    ArrayList<String> as;

    queue() {
        rear = -1;
        as = new ArrayList<String>();
    }

    void insert() {
        Scanner sc1 = new Scanner(System.in);
        String str;
        System.out.print("Enter the string : ");
        str = sc1.nextLine();
        as.add(str);
        rear++;
    }

    void delete() {
        if(rear == -1)
            System.out.println("Queue is empty.");
        else {
            System.out.println("String " + as.get(0) + " deleted.");
            as.remove(0);
            rear--;
        }
    }

    void display() {
        if(rear == -1)
            System.out.println("Queue is empty.");
        else
            System.out.println("Elements of queue are : " + as);
    }

    public static void main(String args[]) {
        System.out.println("Enter the operation to be performed.");
        Scanner sc = new Scanner(System.in);
        boolean flag = true;
        queue q = new queue();
        while(flag) {
            System.out.print("1.Insert\t 2.Delete \t 3.Display \t
4.Exit  : ");
            int ch = sc.nextInt();
            switch(ch) {
                case 1 : q.insert();
                         break;

                case 2 : q.delete();
                         break;

                case 3 : q.display();
                         break;
```

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                case 4 : flag = false;
                         break;

                default : System.out.println("Invalid input.");
                          break;
            }
        }
    }
}
```