

```

public class ADT {
    private int size;
    private Object[] arr;

    public ADT() {
        size = 0;
    }

    public void add(Object e){
        expand();
        arr[size-1] = e;
    }

    private void expand(){
        Object[] temp = new Object[size + 1];
        for (int i = 0 ; i < size ; i++ ){
            temp[i] = arr[i];
        }
        arr = temp;
        size++;
    }

    public String toString(){
        String result = "[";
        if (!isEmpty()) {
            for (Object o : arr) {
                result += o.toString() + ", ";
            }
            result = result.substring(0, result.length() - 2);
        }
        return result + "]";
    }

    public boolean isEmpty() {
        return size == 0;
    }

    public boolean contains(Object t) {
        for (Object o: arr) {
            if (t.equals(o))
                return true;
        }
        return false;
    }

    public Object[] getArray(){
        return arr;
    }
}

```