CSC 212 Homework # 3 Solution to Selected Problems Stacks & Recursion

Problem 1

Problem 2

```
public static <T > void removeLast(Stack <T > st) {
    if (st.empty())
        return;
    Stack <T > s = new Stack <T > ();
    while (!st.empty())
        s.push(st.pop());
    s.pop();
    while (!s.empty())
        st.push(s.pop());
}
```

2.

Problem 3

Problem 4

Problem 5

```
public <T> void insertAtBottom(Stack<T> st, T e) {
    if (st.empty())
        st.push(e);
    else {
        T tmp = st.pop();
        insertAtBottom(st, e);
        st.push(tmp);
    }
}
```

3.

4.

CSC 212 Homework # 2