

```
public class Filter {
    //compile-time error: Object does not have compareTo
    //static <T> T brokenMax(T t1, T t2) {
    //    return (t1.compareTo(t2) <= 0 ? t2 : t1);
    //}

    static <T extends Comparable<T>> T max(T t1, T t2) {
        return (t1.compareTo(t2) <= 0 ? t2 : t1);
    }

    public static void main(String[] args) {
        System.out.println(Filter.max(Integer.valueOf(6), Integer.valueOf(2)));
        System.out.println(Filter.max(Character.valueOf('e'), Character
            .valueOf('z')));
        System.out.println(Filter.max("hello", "world"));
        System.out.println(Filter.max(new java.util.Date(232),
            new java.util.Date(2323434)));

        //Using autoboxing:
        System.out.println(Filter.max(6, 2));
        System.out.println(Filter.max('e', 'z'));

        //compile-time errors (type mismatch)
        //System.out.println(Filter.max(3, 'f'));
    }
}
```