Day 6: collection api

List :ArrayList, LinkedList

Set: HashSet, LinkedHashSet

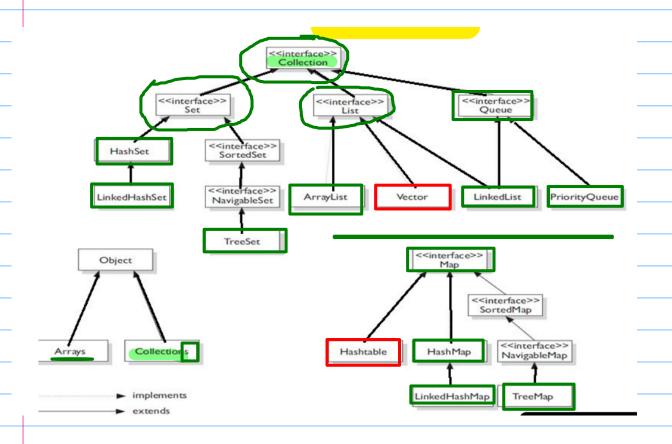
Map: HashMap, TreeMap, LinkedHashMap

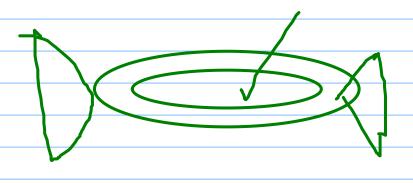
Iterator

Arrays Collections

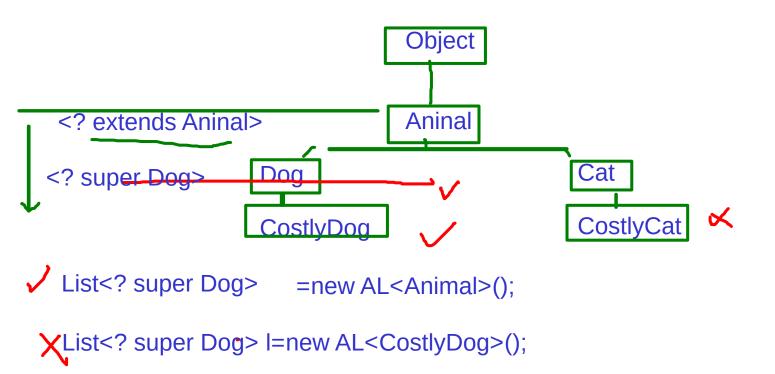
Comparable , Comparatable Performance

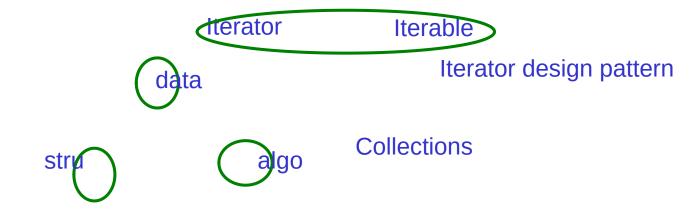
Generic, generics class generic method, wildcard





willdcard in generics ? extends XXXX ? super XXXX





```
public interface java.util.Collection<E> extends java.lang.lterable<E> {
public abstract int size();
public abstract boolean isEmpty();
public abstract boolean contains(java.lang.Object);
public abstract java.util.Iterator<E> iterator();
public abstract java.lang.Object[] toArray();
public abstract <T> T[] toArray(T[]);
public abstract boolean add(E);
public abstract boolean remove(java.lang.Object);
public abstract boolean containsAll(java.util.Collection<?>);
public abstract boolean addAll(java.util.Collection<? extends E>);
public abstract boolean removeAll(java.util.Collection<?>);
public boolean removeIf(java.util.function.Predicate<? super E>);
public abstract boolean retainAll(java.util.Collection<?>);
public abstract void clear();
public abstract boolean equals(java.lang.Object);
public abstract int hashCode();
public java.util.Spliterator<E> spliterator();
public java.util.stream.Stream<E> stream();
public java.util.stream.Stream<E> parallelStream();
```