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package steganography;

import java.util.Comparator;

import java.util.Map;

public class ValueComparator implements Comparator<String> {

Map<String, Integer> base;

public ValueComparator(Map<String, Integer> base) {

this.base = base;

}

// Note: this comparator imposes orderings that are inconsistent with

// equals.

public int compare(String a, String b) {

if (base.get(a) >= base.get(b)) {

return -1;

} else {

return 1;

} // returning 0 would merge keys

}

}