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package cn.sxt.mycollection;

import java.util.HashMap;
import java.util.Map;
import java.util.Set;

/**
 * 手动实现一个HashSet
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 *
 */

public class SxtHashSet {
    Map map;
    public final static Object RPRESENT=new Object();

    public SxtHashSet() {
        map=new HashMap();
    }

    public int size() {
        return map.size();
    }

    public void add(Object o) {
        map.put(o, RPRESENT);
    }

    @Override
    public String toString() {
        StringBuilder sb=new StringBuilder("[");
        for(Object key:map.keySet()) {
            sb.append(key+",");
        }
        sb.setCharAt(sb.length()-1,']');
    }
}

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        return sb.toString();
    }

    public static void main(String[] args) {
        SxtHashSet set=new SxtHashSet();
        set.add("aa");
        set.add("bb");
        System.out.println(set);
    }
}
```