```
package cn.sxt.collection;

import java.util.Set;
import java.util.TreeSet;

/**
* 测试TreeSet的使用
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*
*/

public class TestTreeSet {
	public static void main(String[] args) {
		Set<Integer> set=new TreeSet<>();

		set.add(100);
		set.add(200);
		set.add(300);
		for(Integer m:set) {
			System.out.println(m);
		}

		Set<Emp2> set2=new TreeSet<>();
		set2.add(new Emp2(100,"张三",3000));
		set2.add(new Emp2(50,"李四",30000));
		set2.add(new Emp2(120,"赵五",5000));
		for(Emp2 emp:set2) {
			System.out.println(emp);
		}
	}

}

class Emp2 implements Comparable<Emp2>{
	int id;
```

```
	String name;
	double salary;

	public Emp2(int id, String name, double salary) {
		super();
		this.id = id;
		this.name = name;
		this.salary = salary;
	}

	@Override
	public String toString() {
		return "id"+id+"name"+name+"salary"+salary;
	}

	@Override
	public int compareTo(Emp2 o) { //负数：小于                    0：等于                正数：大于
		if(this.salary>o.salary) {
			return 1;
		}else if(this.salary<o.salary) {
			return -1;
		}else {
			if(this.id>o.id) {
				return 1;
			}else if(this.id<o.id){
				return -1;
			}else {
				return 0;
			}
		}

	}
}
```