

Lab Goal : This lab was designed to teach you more about a linked list and how to use a linked list to create a data structure.

Lab Description : Complete the ThingCount class and use ThingCountRunner.java to test your class to ensure that it works correctly. You will use ThingCount to store objects and letter counts.

ThingCount – stores an Object and the Object's count

```
class ThingCount implements Comparable
{
    private int count;
    private Object thing;

    public ThingCount(){
    }

    public ThingCount(Object thang, int cnt){
    }

    public int getCount(){
        return 0;
    }

    public void setThing(Object obj){
    }

    public void setCount(int cnt){
    }

    public Object getThing(){
        return null;
    }

    public boolean equals(Object obj){
        ThingCount other = (ThingCount) obj;

        return false;
    }

    public int compareTo(Object obj){
        ThingCount other = (ThingCount) obj;

        return -1;
    }

    public String toString(){
        return ""+ getThing() + " - " + getCount();
    }
}
```

Sample Data (ThingTester.java) :

See the main of ThingTester.java.

Sample Output :

```
null - 0
A - 5
hello - 7
7
```

54.12 - 22

false

true