Java Instanceof keyword

The Java *instanceof* operator is used to test if the object or instance is an instanceof the specified type.

In this problem we have given you three classes in the editor, *Student*, *Rockstar* and *Hacker*. In the main function we populated an *ArrayList* with instances of these classes. *count* method counts how many instance of each type are present in the ArrayList. Some lines of the code are missing, and you have to fix it by modifying only 3 lines!

To restore the original code in the editor, click on the top left icon in the editor and create a new buffer.

Sample Input

```
5
Student
Student
Rockstar
Student
Hacker
```

Sample Output

```
3 1 1
```