Description: Create a Histogram class program. The constructor of the class accepts a positive integer parameter max. The application can then submit a sequence of numbers within the range 1 to max by repeatedly using the submit method. (Error checking not necessary) The toString method returns a sideways “histogram” representing the submitted numbers. An example of using the Histogram class is:

```
Histogram h = new Histogram(4);
h.submit(1); h.submit(1);
h.submit(1); h.submit(2);
h.submit(4); h.submit(4);
System.out.println(h);
```

Output would be:

```
1 ***
2 *
3
4 **
```

Rubric:
(5 points) Compiles without errors.
(10 points) Histogram class correctly implemented.
(10 points) toString correctly implemented.
(5 points) test examples correctly implemented.

Deliverables: Submit on Blackboard.