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This is an exercise on GUI + Exceptions. The assignment is to implement class **Histogram** the constructor of which takes an array-of-numbers and an array-of-labels and is capable of visualizing them as a histogram (as shown below):

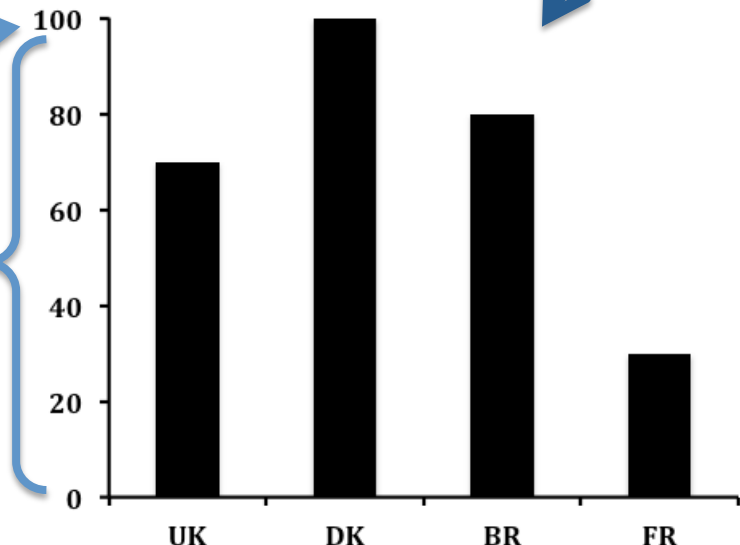
The following code is intended to give rise to something along the lines of:

```
int[] list1      = new int[] { 70, 100, 80, 30 };  
String[] list2   = new String[] { "UK", "DK", "BR", "FR" };  
Histogram h      = new Histogram(list1, list2);
```

The histogram should normalize with maximum y-axis value (here: 100)

The histogram should plot a handful of step values (here: 0,20,40,60,80,100)

The histogram should raise appropriate exceptions wherever appropriate.



Deadline: Thursday, Nov 10 (at 23:55)