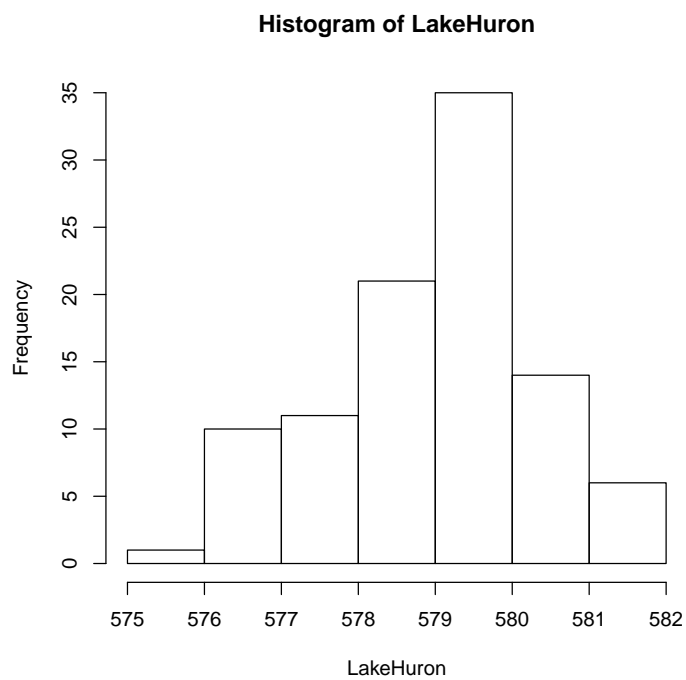# Stat243 Problem Set 1
Question 4

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The height of the water level in Lake Huron fluctuates over time. Here I 'analyze' the variation using R. I show a histogram of the lake levels for the period 1875 to 1972.

```
> hist(LakeHuron)
```

Histogram of LakeHuron


```
> lowHi <- c(which.min(LakeHuron), which.max(LakeHuron))
> yearExtrema <- attributes(LakeHuron)$tsp[1]-1 + lowHi
```