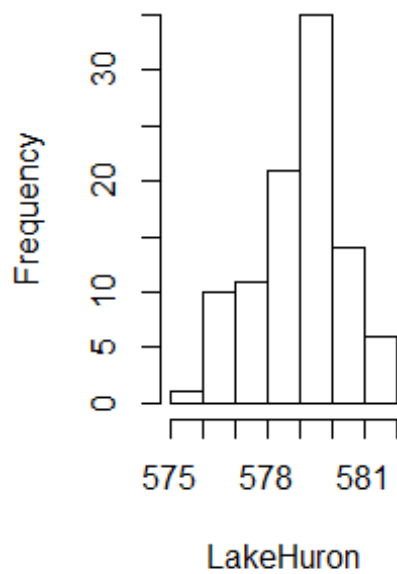


Problem 4

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 LakeHuro



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