Test Result 20170313

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Contents

Vector Computation	1
Method 1	1
Method 2	1
Data Structure	2
Group Processing	2

Vector Computation

 \bullet Test: write a function findNum(y,x,l) to compute the position in vetor y where number x repeats l times.

Method 1

Clever solution (20min)

```
findNum<-function(y,x,1) {
          a<-which(y==x)
          b<-which(diff(y,1,1-1)==0)
          return(a[a%in%b])
      }
findNum(y,1,2)
findNum(y,1,2)</pre>
```

Method 2

Violent loop solution (7min)

Data Structure

• Test: compute the gap between daily maximum and minimum temperature (6min)

Group Processing

• Test: Compute the mean of 10th quantile of ArrDelay for each Unique Carrier each month (10min)