MATH 324 Computer HW 1

Corey Russ

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Exercise 1:

(a) Use c() to generate two datasets.

```
modifiedMortar=c(16.85, 16.40, 17.21, 16.35, 16.52, 17.04, 16.96, 17.15, 16.59, 16.57)
unmodifiedMortar=c(16.62, 16.75, 17.37, 17.12, 16.98, 16.87, 17.34, 17.02, 17.08, 17.27)
```

(b) Use mean() and median() to calculate the mean and median of each dataset.

(c) Use sd(), var() and IQR() to calculate the sample standard deviation, sample variance
and IQR of each dataset.

(d)

(e)

Exercise 2:

(a)

(b)

(c)

(d)

(e)

Exercise 3:

(a)

(b)

(c)

(d)