Solutions for S431 Assignment 1

1a

```r
set.seed(0831)
```

1b

```r
mySample=rnorm(20,5,2)
mySample
```

```
##  [1] 5.5391305 0.5329621 9.8314377 5.9267291 5.5882618 3.9415905 5.3972133
##  [8] 2.1520130 2.7625174 9.0133125 6.3145141 5.8563501 3.2870403 7.2204590
## [15] 5.1355362 5.0225053 4.6054286 8.4284981 5.2630427 0.4176941
```

1c

```r
myCV= function(x) sd(x)/mean(x)
myCV
```

```
## function(x) sd(x)/mean(x)
```

1d

```r
myCV(mySample)
```

```
## [1] 0.4882732
```