MATH-650 Assignment-1

Saket Choudhary

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Generate two sets of random numbers x,y:

```
##Set seed to ensure reproduciblity
set.seed(10)
x <- rnorm(10, mean=0, sd=1)
y <- rnorm(10, mean=0, sd=1)
mean_x <- mean(x)
mean_y <- mean(y)
difference_of_mean_xy <- mean_x - mean_y
```