Lab Assignment: R Documentation
Author

Question 1:
We know the mean of x but the mean of y if y (*focus*) is defined as $y = \frac{1}{x}$ then y is likely to be $\frac{1}{10}$ given that $x = 10$.

```
set.seed(8675309)
N <- 1000; S <- 1e7
x <- rnorm(N, mean=10, sd=1)
mean_x <- rep(NA, S)
mean_x <- sample(x, S, replace=TRUE, prob = NULL)

mean(mean_x); 1/mean(mean_x)

## [1] 9.972921
## [1] 0.1002715
```

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