IT2120 - Probability and Statistics

IT24103994

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Lab Sheet 09

Exercise

```
> setwd("C:\\Users\\USER\\Desktop\\IT24103994")
        > getwd()
        [1] "C:/Users/USER/Desktop/IT24103994"
01)
  i)
     > #part 1
     > set.seed(42)
     > sample <- rnorm(25, mean = 45, sd = 2)
     > sample
      [1] 47.74192 43.87060 45.72626 46.26573 45.80854
     44.78775 48.02304 44.81068 49.03685 44.87457
     [11] 47.60974 49.57329 42.22228 44.44242 44.73336
     46.27190 44.43149 39.68709 40.11907 47.64023
     [21] 44.38672 41.43738 44.65617 47.42935 48.79039
    > mean(sample)
    [1] 45.37507
    > sd(sample)
    [1] 2.612729
    > length(sample)
    [1] 25
```