1. **Answer the following question and present the R commands used.**

    a) Use a seed equal to your birthday in the format MMDD; i.e., if you were born August 31, use the seed 0831.

    b) Create and object called "mySample" that contains a random sample of 20 observations from $X \sim N(5, 4)$ (i.e., a normal random variable with $\mu = 5$ and $\sigma^2 = 4$). Print "mySample".

    c) Create a function called "myCV" that calculates the coefficient of variation (CV) where

$$CV = \frac{\sigma}{\mu}$$

    d) Calculate and print the coefficient of variation of "mySample"