

module_02.R

Greg Foster

2021-01-22

```
assignment2 <- c(16, 18, 14, 22, 27, 17, 19, 17, 17, 22, 20, 22)

#Function Provided in Class
# myMean <- function(assignment2) {
#   return(sum(assignment)/length(someData))
# }
#
# myMean(assignment2)

#Above function does not work because of two things.
#First of all, the sum function within myMean calls upon 'assignment', not
#'assignment2'
#Second of all, the length function within myMean calls upon 'someData', not
#'assignment2'
#For the function to work properly, both the sum and the length functions
need to call upon the 'assignment2' object created above

#Function altered to work properly

myWorkingMean <- function(assignment2) {
  return(sum(assignment2)/length(assignment2))
}

myWorkingMean(assignment2)

## [1] 19.25

#We can now test whether myWorkingMean properly computes the mean of
#'assignment2' by using R's built in mean function

mean(assignment2)

## [1] 19.25

#The two computed means are both 19.25, success.
```