Castellon\_Nancy\_Assignment\_#1 Console

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| > #creating vectors x,y,z  > x<-c(5,10,15,20,25,30)  > y<-c(-1,NA,75,3,5,8)  > z<-c(5)  >  > #multiplying x&y by z  > x\*z  [1] 25 50 75 100 125 150  > y\*z  [1] -5 NA 375 15 25 40  >  > #storing results into new objects  > xz<-c(25,50,75,100,125,150)  > yz<-c(-5,NA,375,15,25,40)  >  > #print new vectors  > print(xz)  [1] 25 50 75 100 125 150  > print(yz)  [1] -5 NA 375 15 25 40  >  > #replace missing in y and print  > y<-ifelse(test = is.na(y)==T, yes = 2.5, no=y)  > print(y)  [1] -1.0 2.5 75.0 3.0 5.0 8.0  >  > #read document  > library(readr)  > asmt<-read.csv(file="https://raw.githubusercontent.com/mattdemography/EDU\_7043/master/Data/Assignment\_1.csv")  >  > #first 10 states  > asmt$State[1:10] #this one  [1] AK AL AR AZ CA CO CT DE FL GA  51 Levels: AK AL AR AZ CA CO CT DC DE FL GA HI IA ID IL IN KS KY LA MA MD ME MI MN MO MS MT NC ND ... WY  >  > #mean murder rate  > mean(asmt$Murder)  [1] 8.727451  >  > #median murder  > median(asmt$Murder)  [1] 6.8  >  > #new england murder mean ct,me,ma,nh,ri,vt  > NEData<-subset(asmt,State=="CT"|State=="ME"|State=="MA"|State=="NH"|State=="RI"|State=="VT")  > mean(NEData$Murder)  [1] 3.55  >  > #bonus  > asmt$Vcrime<-as.numeric(as.character(asmt$Vcrime));mean(asmt$Vcrime, na.rm = T)  Warning message:  NAs introduced by coercion  [1] 618.32 |
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