x<-c(5,10,15,20,25,30)

y<-c(-1,NA,75,3,5,8)

z<-c(5)

Happy=c(x\*z)

Magic=c(y\*z)

print(Happy)

print(Magic)

y<-ifelse(test = is.na(y)==T, yes = 2.5, no = y)

print(y)

data.set<-read.csv("https://raw.githubusercontent.com/mattdemography/EDU\_7043/master/Data/Assignment\_1.csv")

data.set[1:10,1]

#mean murder rate

mean(data.set[1:51,3])

#median murder rate

median(data.set[1:51,3])

#New England

ds2=data.set

subds2=subset(ds2,State=="CT"|State=="MA"|State=="ME"|State=="NH"|State=="RI"|State=="VT")

mean(subds2[1:6,3])

#bonus

ds2<-ifelse(test=is.na(ds2$Vcrime)==T,yes=0,no=ds2$Vcrime)

mean(ds2)

x<-c(5,10,15,20,25,30)

> y<-c(-1,NA,75,3,5,8)

> z<-c(5)

> Happy=c(x\*z)

> Magic=c(y\*z)

> print(Happy)

[1] 25 50 75 100 125 150

> print(Magic)

[1] -5 NA 375 15 25 40

> 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

> data.set<-read.csv("https://raw.githubusercontent.com/mattdemography/EDU\_7043/master/Data/Assignment\_1.csv")

> data.set[1:10,1]

[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(data.set[1:51,3])

[1] 8.727451

> #median murder rate

> median(data.set[1:51,3])

[1] 6.8

> #New England

> ds2=data.set

> subds2=subset(ds2,State=="CT"|State=="MA"|State=="ME"|State=="NH"|State=="RI"|State=="VT")

> mean(subds2[1:6,3])

[1] 3.55

> #bonus

> ds2<-ifelse(test=is.na(ds2$Vcrime)==T,yes=0,no=ds2$Vcrime)

> mean(ds2)

[1] 25.21569