**4a)**

library(gcookbook)

str(cabbage\_exp)

df = cabbage\_exp

head(df)

barplot(Weight ~ Cultivar+Date, data=df, xlab = "Date", ylab = "weight", beside=TRUE, legend = TRUE,col=c("pink","cyan"))

**4b)**

library("gcookbook")

str(heightweight)

boxplot(heightIn~ageYear,data = heightweight ,xlab = "x", ylab = "y", main = "boxplot")