```
getwd()

getwd()
setwd("D:/")

getwd()

cars <- read.csv("04cars.csv")

cars
plot(cars$Engine_size, cars$Horsepower, main = "Horsepower Vs. Engine Size", xlab = "Engine Size", ylab = "Horsepower")

houses <- read.csv("housing_prices.csv")

houses <- read.csv("housing_price.csv")

houses
barplot(houses$price1998, main = "Prices of houses in 1998", names.arg = c(house.num))

barplot(houses$price1998, main = "Prices of houses in 1998", names.arg = c(houses$housenum))

barplot(houses$price1998, main = "Prices of houses in 1998", names.arg = c(houses$housenum), xlab = "Number of Houses", ylab = "Prices")

library(lattice)

cars
densityplot(~cars$Highway_miles_per_gallon, main = "Mileage on the Highway", xlab = "Highway Miles per Gallon")

densityplot(~cars$Weight main = "Weight of Vehicle", xlab = "Vehicle by Pounds")

densityplot(~cars$Weight, main = "Weight of Vehicle", xlab = "Vehicle by Pounds")

densityplot(~cars$Dealer_cost, main = "Weight of Vehicle", xlab = "Vehicle by Pounds")

densityplot(~cars$Dealer_cost, main = "Cost of Vehicle", xlab = "Vehicle Prices")

houses
splom(houses[c(price1998, price2007, price2011, price2014)], main="Change of House Price")
splom(houses[c(8, 9, 10, 11)], main="Change of House Price")

splom(houses[c(22, 23, 24, 25)], main="Change of House Price")

splom(houses[c(22, 23, 24, 25)], main="House Prices")

install.packages("ggplot2")

houses
```

```
library(ggplot2)


qplot(houses$squarefeet, houses$price2014, data = houses, geom=c("point", "smooth"),
      fill=Squarefeet, main = "2014 Price by Squarefeet", xlab = "Prices", ylab = "Squarefeet")


qplot(houses$squarefeet, houses$price2014, data = houses, geom=c("point", "smooth"),
      fill=squarefeet, main = "2014 Price by Squarefeet", xlab = "Prices", ylab = "Squarefeet")


qplot(houses$price2014, houses$squarefeet, data = houses, geom=c("point", "smooth"),
      fill=squarefeet, main = "2014 Price by Squarefeet", xlab = "Prices", ylab = "Squarefeet")


qplot(houses$price2014, houses$squarefeet, data = houses, geom=c("point", "smooth"),
      fill=squarefeet, main = "2014 Prices by Squarefeet", xlab = "Prices", ylab = "Squarefeet")


savehistory("D:/Rhistory1.txt")

getwd()

student <- read.csv("student_business.csv")

student
plot(student$Days, student$Total.Items.Wasted, main = "Total Items Wasted per Day", xlab = "Days", ylab = "Items Wasted")

barplot(student$Sales, main = "Total Sales value per day", names.arg = c(student$Days), xlab = "Days", ylab = "Sales(in Dollars)")

barplot(student$Sales, main = "Total Sales value per day", names.arg = c(student$Days), xlab = "Days", ylab = "Sales (in Dollars)")

library(lattice)

densityplot(~student$Sales, main = "Sales", xlab = "Sales by Day")
)

densityplot(~student$Sales, main = "Density Plot of Sales", xlab = "Sales Values")

splom(student[c(16, 17, 18)], main = "Amount of Beverages Sold")


library(ggplot2)

student
```

```
qplot(student$Days, student$Total.Soda.and.Coffee, data = student, geom = density,
      fill=Total.Soda.and.Coffee, main = "Soda and Coffee sold per Day", xlab = "Days", ylab = "Soda and Coffe Sold")


qplot(student$Days, student$Total.Soda.and.Coffee, data = student,
      fill=Total.Soda.and.Coffee, main = "Soda and Coffee sold per Day", xlab = "Days", ylab = "Soda and Coffe Sold")


qplot(student$Days, student$Total.Soda.and.Coffee, data = student,geom=c("boxplot", "jitter"),
      fill=Total.Soda.and.Coffee, main = "Soda and Coffee sold per Day", xlab = "Days", ylab = "Soda and Coffe Sold")


qplot(student$Days, student$Total.Soda.and.Coffee, data = student,geom=c("point", "smooth"),
      fill=Total.Soda.and.Coffee, main = "Soda and Coffee sold per Day", xlab = "Days", ylab = "Soda and Coffe Sold")


savehistory(part2.txt)
savehistory("part2.txt")
```