```
> setwd("C:/Users/Thiru/Documents/dv/project3/Thiru")
> getwd()
[1] "C:/Users/Thiru/Documents/dv/project3/Thiru"
> DS=read.csv("housing_price.csv")
View(DS)
> x<-DS[1:20,]
  y<-DS[1:5]
 length(DS)
[1] 32
> names(DS)
 [1] "housenum"     "acre"         "acregroup"    "adj1998"
 [5] "adj2007"      "adj2011"      "bedgroup"     "bedrooms"
 [9] "bikescore"    "diff2014"     "distance"     "distgroup"
[13] "garage_spaces" "garagegroup"  "housenum.1"   "latitude"
[17] "longitude"    "no_full_baths" "no_half_baths" "no_rooms"
[21] "pctchange"    "price1998"    "price2007"    "price2011"
[25] "price2014"    "sfgroup"      "squarefeet"   "streetno"
[29] "streetname"   "zip"          "Full.address"  "walkscore"
##linedot
 plot(x$housenum,x$bikescore,type="b",xlab="housenumber",ylab="bikescore")

  ##barplot
barplot(y$bedrooms,main="bedrooms",xlab="no.of bedrooms",ylab="count")



> install.packages("Rcpp")
Installing package into ‘C:/Users/Thiru/Documents/R/win-library/3.2’
(as ‘lib’ is unspecified)
trying URL 'https://cran.mtu.edu/bin/windows/contrib/3.2/Rcpp_0.12.1.zip'
Content type 'application/zip' length 3189695 bytes (3.0 MB)
downloaded 3.0 MB
```

package ‘Rcpp’ successfully unpacked and MD5 sums checked

Warning: unable to move temporary installation ‘C:\Users\Thiru\Documents\R\win-library\3.2\file152439e24530\Rcpp’ to ‘C:\Users\Thiru\Documents\R\win-library\3.2\Rcpp’

>The downloaded binary packages are in

C:\Users\Thiru\AppData\Local\Temp\RtmpioYkUp\downloaded_packages

> library(ggplot2)

>##ggplot2

qplot(x=x$streetname,y=x$acre,data=x,geom="boxplot",main="Total areas as per Streets",xlab="Street name",ylab="acres")

demo(lattice)

library(lattice)

>##lattice

z<-table(x$bedrooms)

>densityplot(~x$zip,main="zip",xlab="zip")

> splom(x[c(8,13,15)],main="house information")

> legend("topright", names(z), cex=0.8, fill=cols)

>##

>##Question 3

> a=read.csv("airport.csv")

> b<-a[1:10,]

> View(b)

>##linedot

> plot(bsno,bsch_dep,type="b",xlab="airport departures",ylab="departures planned",main="Departures scheduled")

>##barplot

> barplot(b$City,b$per_dep,main="City Performed Departures",xlab="City",ylab="count")

> legend("topright", names(c), cex=0.8)

>##ggplot2

```
>qplot(x=b$Airport,y=b$enplanned_p,data=b,geom="point",main="Enplaned
passengers",xlab="Airport name",ylab="Count")

>##lattice

attach(c)

attach(b)

>densityplot(~b$sch_dep,main="Density Plot",xlab="No of departures planned")

> splom(b[c(4,5,6)],main="enplanned data")
```