Several subplots in one plot

```
x = seq(-1, 1, 0.1)

par(mfrow=c(2,2))

plot(x, x^2, "l")
plot(x, x^3, "l")
plot(x, x^4, "l")
plot(x, x^5, "l")

dev.off()
```

Graphs of functions (no data required)

Example 1

```
curve(x^2, -2, 2)
```

Example 2: plot e^{-x} from 0 to 5.

```
curve(exp(-x), 0, 5)
```

Importing text file into R (as dataframe): when the file is in ‘E’.

```
abc = read.table("E:/Temp")
```

```
names(abc) # What are row and column names?

colnames(abc) = "temp"

attach(abc)

Simple descriptive analyses

length(temp)

mean(temp)

median(temp)

quantile(temp, .25)

quantile(temp, .75)

max(temp)

min(temp)

fivenum(temp)

summary(temp)

var(temp)
```

sd(temp)

Coefficient of variation

100*sd(temp)/mean(temp)

Draw a histogram

hist(temp)

hist(temp, ylim = c(0,25))