36-315: Statistical Graphics and Visualization

Handout 5

Date: January 29, 2003

Expression - Piece of code evaluated to produce a value. Values can have many types.

Argument - A value given to a function.

```
jitterplot(x,0.5) (x and 0.5 are the arguments to jitterplot)
```

Command - Function which produces a side-effect.

Character string - Words and punctuation enclosed in quotes.

```
txt = "hello, there" (makes txt a character string)
```

Vector - Sequence of numbers or character strings.

```
x = c(2,5,7) (makes x a vector of numbers)

txt = c("hello","there") (makes txt a vector of strings)
```

Matrix - Two-dimensional array of numbers. Rows and columns can be named.

List - Set of values, each of which can have any type. The elements can be named.