3b_misc_tools

Code ▾

misc built-in tools

1. polyroot()
2. imaginary number
    1. Im()
3. Fit a straight line `lsfit()` or `lm()`
    1. syntax

```
lsfit(x, y, wt = NULL, intercept = TRUE, tolerance = 1e-07,
       yname = NULL)

lm(formula, data, subset, weights, na.action,
   method = "qr", model = TRUE, x = FALSE, y = FALSE, qr = TRUE,
   singular.ok = TRUE, contrasts = NULL, offset, ...)
```

```
abline(lsfit(xs, ys))

abline(lm(circumference~age, data = Orange, subset = Tree == "1"))
```

4. `choose(n, k)` : C(n, k)