Pascal's Triangle

$(1+x)^0$ = 1

$(1+x)^1$ = $1 + 1\,x$

$(1+x)^2$ = $1 + 2\,x + 1\,x^2$

$(1+x)^3$ = $1 + 3\,x + 3\,x^2 + 1\,x^3$

$\vdots$