

- Requirements - Power / Exponentiation

Input: x, n

Output: x^n

- Requirements - Polynomials

Input: k, n, $a[0]$, $a[1]$, ... , $a[k-1]$ ($a[i]$'s may be read from a file, generated randomly, assigned by Edit's via UI, etc.)

Output: $f(1)$, $f(2)$, ... , $f(n)$ where $f(x) = a[0] + a[1]x + a[2]x^2 + \dots + a[k-1]x^{(k-1)}$

- 執行結果:

Power / Exponentiation	Polynomials
<p>for-loop: 1125899906842624==>[3.68(sec.)]==>100000000times. pow(k, n)=1.12589990684262E+15==>[6.373(sec.)]==>100000000times. squaring 1125899906842624==>[0(sec.)]==>100000000times. squaring.>> 1125899906842624==>[0.074(sec.)]==>100000000times.</p>	<p>random coef.: $f(x) = 46 - 30(x^2) - 24(x^3) - 6(x^4) - 36(x^5) + 28(x^6) - 2(x^7) + 14(x^8)$ 0=>9次方 14=>8次方 -2=>7次方 28=>6次方 -36=>5次方 -6=>4次方 -24=>3次方 -30=>2次方 0=>1次方 46=>0次方 81725186</p>