

Big O Notation	No. Of Loops	Name	Input size : 100
$O(n)$	1 Loop	Linear	~ 100 Iterations
$O(n^2)$	2 Loops (nested)	Quadratic	~ 10,000 Iterations
$O(n^3)$	3 Loops (nested)	Cubic	~ 1,000,000 Iterations
$O(C^n), C > 1$	N loops (nested)	Exponential	~ C^{100} Iterations