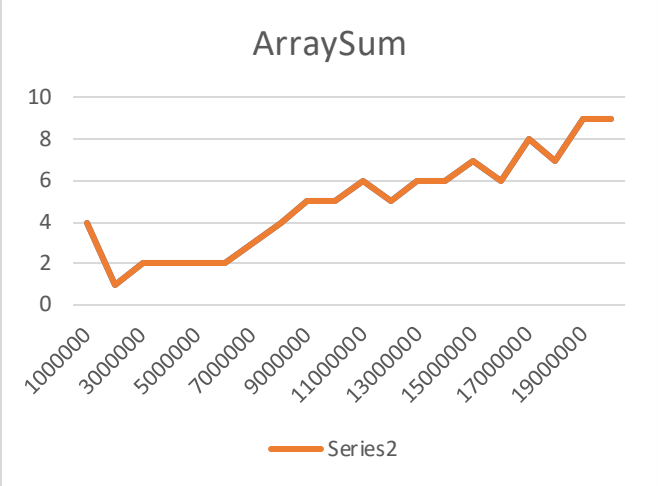
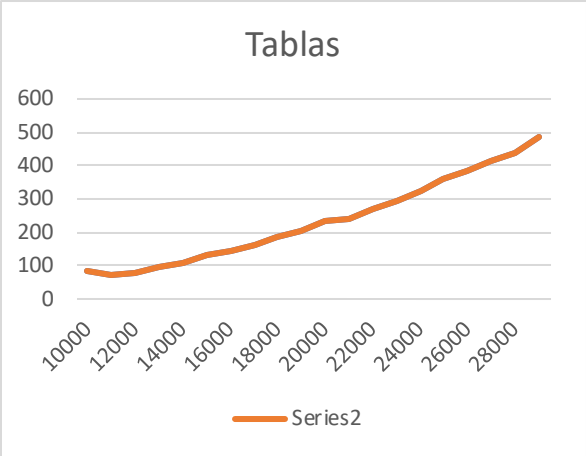
ArraySum



Size	Time
1000000	4
2000000	1
3000000	2
4000000	2
5000000	2
6000000	2
7000000	3
8000000	4
9000000	5
10000000	5
11000000	6
12000000	5
13000000	6
14000000	6
15000000	7
16000000	6
17000000	8
18000000	7
19000000	9
20000000	9

T(n)= c0+c1+c2+n(c3+c4)+c5
T(n)=O(n)

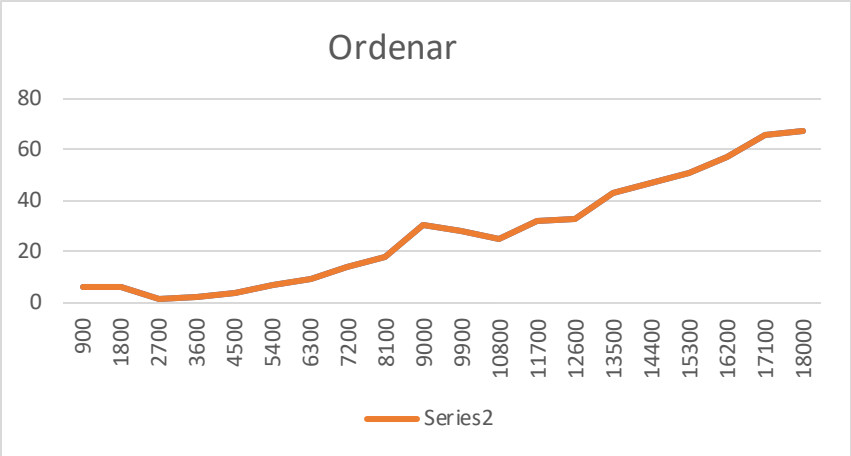
Tablas de multiplicar



i	Time
10000	85
11000	70
12000	81
13000	95
14000	108
15000	134
16000	144
17000	161
18000	186
19000	207
20000	232
21000	243
22000	269
23000	294
24000	327
25000	362
26000	386
27000	417
28000	441
29000	484

T(n)= c0+c1+c2+(n-1)+(n-1)+(n-1)^2
T(n^2)=O(n^2)

Ordenar



Size	Time
900	6
1800	6
2700	1
3600	2
4500	4
5400	7
6300	9
7200	14
8100	18
9000	30
9900	28
10800	25
11700	32
12600	33
13500	43
14400	47
15300	51
16200	57
17100	66
18000	67

T(n)= c0+c1+n+n+c5*n(n-1)+c6*n(n-1)+c7*n(n-1)+c8*n(n-1)

T(n^2)=O(n^2)