

SearchValue,Binary,Jump,Interpolation,Ternary,Exponential,Fibonacci  
11965,3100,11100,572200,3700,8000,3100  
8024,1700,4200,69100,1400,2500,2000  
9501,2500,5300,55300,1400,3200,2800  
7658,2300,3900,40200,1400,2700,1700  
1017,1900,9000,6300,1600,2800,1900  
10148,3700,8900,49100,2100,3300,2300  
5365,2800,5900,28700,2000,3900,2700  
5089,3700,4800,23500,1300,2700,2000  
18006,4000,14300,120400,2000,3000,1900  
13647,2200,7200,61800,1500,2500,2600  
Averages,2790,7460,102660,1840,3460,2300

From my tests, Ternary Search performed the best, followed by Fibonacci, Binary, Exponential, Jump, and finally Interpolation Search.

Ternary search demonstrated its  $O(\log_3 n)$  complexity, barely edging out Binary, Fibonacci and Exponential Searches with their  $O(\log_2 n)$  Complexity. With a space complexity of  $O(1)$ , this common denominator did not play a part in determining a better performing search. However, Jump Search's  $O(\sqrt{n})$  Complexity was apparent, taking twice as long as the common Searches. Finally, Interpolation Search's  $O(n)$  complexity results in a horrendous time of 102660 nanoseconds, 55x slower than the fastest Ternary Search.