

10^n	Linear Search	Binary Search
10^0	1.10E-06	5.70E-06
10^1	1.70E-06	1.70E-06
10^2	6.10E-06	2.40E-06
10^3	5.61E-05	2.80E-06
10^4	0.0005753	3.02E-05
10^5	0.0057153	6.60E-06
10^6	0.0577412	7.20E-06
10^7	0.6330389	1.79E-05
10^8	5.7340449	2.11E-05

Based off of the time needed to complete the functions, we can observe that the linear search code completes the task faster than the binary search code.