

i, b[i], nlog_b_lower_bound, nlog_b_upper_bound, nlog_b_avg
1,9999900.00000000000000000000,100.00049500333301274876,100.00050500333403725169,1
00.00050000333352500023
2,9999800.00100000000000000000,200.00099000666602549752,200.00101000666807450338,2
00.00100000666705000045
3,9999700.00299990000000000000,300.00148500999903824628,300.00151501000211175507,3
00.00150001000057500068
4,9999600.00599996000010000000,400.00198001333205099504,400.00202001333614900676,4
00.00200001333410000090

...

For Napier's Tabel 3:

i,c[i][j],nlog_c_lower_bound,nlog_c_upper_bound,nlog_c_avg
0. column
0,0,10000000.00000000000000000000,0.00000000000000000000,0.00000000000000000000,0.0
00000000000000000000
1,0,9995000.00000000000000000000,5001.25016677042127784654,5001.250666875553777633
13,5001.25041682298752773984
2,0,9990002.50000000000000000000,10002.50033354084255569309,10002.5013337511075552
6627,10002.50083364597505547968
3,0,9985007.49875000000000000000,15003.75050031126383353963,15003.7520006266613328
9940,15003.75125046896258321952
4,0,9980014.99500062500000000000,20005.00066708168511138618,20005.0026675022151105
3253,20005.00166729195011095936

...

For Napier's Small Tabe (Times Table):

times,nlog_avg
2,6931471.80561769037722788673
4,13862943.61123538075445577346
8,20794415.41685307113168366018
10,23025850.92999524762883799471
20,29957322.73561293800606588144
40,36888794.54123062838329376816
80,43820266.34684831876052165489
100,46051701.85999049525767598942

...

ENJOY IT!
Peng Sun
2023.6.6