

## Console

Iteration	x1 f(z)	x2		z
0	0.000000	2.000000	1.000000	-1.000000
1	0.000000	1.000000	0.500000	-0.085786
2	0.000000	0.500000	0.250000	0.439207
3	0.250000	0.500000	0.375000	0.171840
4	0.375000	0.500000	0.437500	0.041756
5	0.437500	0.500000	0.468750	-0.022340
6	0.437500	0.468750	0.453125	0.009627
7	0.453125	0.468750	0.460938	-0.006377
8	0.453125	0.460938	0.457031	0.001620
9	0.457031	0.460938	0.458984	-0.002379
10	0.457031	0.458984	0.458008	-0.000380

The solution of this equation is 0.458008 after 10 Iterations