

iteration (n)

	a_n	a_n+1	f(a)	a_n+1 - a_n
0	0.1	2	1.999983333	1.9
1	2	1.581117381	-0.565625835	-0.418882619
2	1.581117381	1.846097084	1.999983333	0.264979703
3	1.846097084	1.882453695	-0.565625835	0.036356611
4	1.882453695	1.874945907	0.973856569	-0.007507788
5	1.874945907	1.875103218	0.117497038	0.000157312
6	1.875103218	1.875104069	-0.030578125	8.50E-07
	1.875104069		0.00065442	

interval

.1-2