$f(x) = x\sin(x) - 1$, $a_0 = 0$, $b_0 = 2$ bisection (1)

$f(0) = -1 < 0$

$f(2) = 0.818595$

$f(x)$ fonk $[0,2]$ aralığında $c_0 = \frac{0+2}{2} = 1$

$f(1) = -0.158529 < 0$ $[0,2]$ aralığı $\Rightarrow [1,2]$

$f(2) = 0.818595 > 0$ $c_1 = \frac{1+2}{2} = 1.5$

$f(c_1 = 1.5) = 0.496242 > 0$ $\Rightarrow [1, 1.5]$ aralığına daralır

$f(1) = -0.158529 < 0$

bu şekilde devam et ve $r \simeq 1.14157141$

$f(x) = x \cdot \sin x - 1 = 0$, $[0,2]$ bisection

n	a_n	c_n	b_n	$f(c_n)$
0	0	1	2	-0.158529
1	1.0	1.5	2	0.496242
2	1.0	1.25	1.5	0.186231
3	1.0	1.125	1.25	0.015057
4	1.0	1.0625	1.125	-0.071827
5	1.0625	1.0937	1.125	-0.025362
6	1.09375	1.109375	1.125	-0.006643
7	1.109375	1.117187 5	1.125	0.004205
8	1.109375	1.113281 25	1.117187 5	-0.001216