Console

n	x1	f(x1)	x2	f(x2)	x3	f(x3)
0	2.000000	-0.597940	3.000000	0.231364	2.721014	-0.017091
1	2.721014	-0.017091	3.000000	0.231364	2.740206	-0.000384
2	2.740206	-0.000384	3.000000	0.231364	2.740636	-0.000009
3	2.740636	-0.000009	3.000000	0.231364	2.740646	-0.000000

Thus the root is 2.741 correct upto three places of decimal