

In-class exercise 02

Write a C code to find the root between (0,2) for the equation of $f(x) = x^3 - 3x + 1 = 0$.

Assume $f_0 = f(x_0)$, $f_1 = f(x_1)$, $f_2 = f(x_2)$. Remember:

$$x_2 = \frac{x_0 f_1 - x_1 f_0}{f_1 - f_0}$$

Iteration #	x_0	x_1	f_0	f_1	x_2	f_2
1	0.0000	1.0000				
2						
3						
4						
5						
6						
7						
8						