Lab 4: Solution of algebraic and transcendental equations by Regula falsi and Newton Raphson method

1. Write a Python program to obtain a root of the equation $x^3 - 2x - 5 = 0$ between 2 and 3 by Regula falsi method. Perform 5 iteration.
2. Write a Python program to find a root of the equation $3x = \cos x + 1$, near 1 by Newton Raphson method perform 5 iteration.