

## QUIZ05

**Problem** Consider the equation

$$f(x) = x^4 - 16 = 0$$

By writing a code; or by hand do the first five iterations of the bisection method with the initial points 0 and 5. In each step, write the pair of points used for the bisection method at that step, and the value of the function (up to 2 decimal places) at those points.