Numerical Computing I
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Assignment # 2

Q1. Given the function f(x) = x^2 − sin(x) − 0.5 for [a,b] = [0,2], Find the approximated root using Bisection method. Find out the accuracy of the method using the condition |Er|<Es , where Es = 0.01.

Q2. Find out the approximation of the function given in Q.1 using False Position method.

Q3. Find out the efficiency of the two methods used in Q.1 & 2 and comment on the performance of the two numerical root finding methods.