```
hollen! Find the root of
    f(x) = x -1=0 in[]
accurate to within 6 = 0.001
solution: a=1, b=2; f(a)=f(1)=-1
 f(b) = f(2) = 61. ... f(a) f(b) < 0.
Therefores by IVT, the continuous function
fler a root in [1/2].
                     1:50, 8.8906
                              1.5647
                     1.25
               1.25 1.125
                             -0.0977
                1.25 1.1875 0.6167
                1.1875 1.15625
         1.125
                               0.2333
         1.125
                1.15625 1.4063
                                0.0616
         1.125
                                -0.0196
                1.14063 1.13281
         1.125
                                 0.0206
                       1.13672
                1.14063
         1.13281
                                 0.0004
                       1.13477
                 1.13672
         1.13281
                                 - 0.0096
                 1.13477 1.13379
   9
         1.3281
   10
```

2. Find the root of the equation $x^2-x-3=0$ uny Bisection method correct up to 3 decimel placer. 3. $f(x) = x^3 + 4x^2 - 10$ has a root in [2] Using the Bixection method, find an approximation to the root that is according to atleast within 10-4. $x7, \log_{10}(\frac{2-1}{10^{-4}}) - \frac{4}{213.2877}$ 69102 We need to perform 14 iterations. En. 1.1 and the state of t