```
* Secant method to find the goots
     let cus Consider an example \alpha^3 = 52 + 1 = 0 to interval (0,1)
                         f(x) = 23 5x+1
              20 = 0
21=1
                           x_1 = x_0 + (x_1) - x_1 + (x_0) = (x_0) + (x
                  Now \chi_2 = 20 - 100
f(\chi_1) - f(\chi_0)
  \frac{0 \times (-3) - 1(1)}{-3 - 1} = 0.25
2 = 0.25; f(2) = 0.0156 - 1.25 + 1 = -0.234
                                \alpha_3 = \alpha_1 f(\alpha_2) - \alpha_2 f(\alpha_1)
                                                                      f(22) - f(71)(812.9) (818) loveto
                                                 = -3x - 0.234 - 0.25x -3
                                                                      -0.234 - (-3) lovistril with wild on x sol wold
                                    X=2.75 $ (2.75) = 20-796 (3.75) -9
                                                                         6-11-bt -08 =
                                               We need to iterate till we get flan) 20
                                                     and we the loot be an where f(an) so
                                                             (3, 2, 3, 2) (2, 5, 3) (2, 5, 3) (2, 5, 2, 3, 5)
```

1000 2. +065 p