$$x-\frac{1}{2} = \frac{x^5 + 9^5}{20} \rightarrow 20x - 10y - x^5 = 4(5)$$

$$h'(y) = -4x^5 - 10y + 20$$

- b) there was no gheal criteria but convergence depends on:
- 1) According of the initial guess
- 2) Notice of the function

And I think, every iteretive method stops when the error is too low.