1D Minimization

Minimum between two points A and B due to IVT.

Def minimization (f,a,b,e)

Optimal is golden ratio for c and

Easy way to pick c and d is to use 3rds

Pick c,d e [a,b]

While b-a < e

If f(c) < f(d):

(a,b) = (a,d)

Else:

(a,b) = (c,b)

Return a

Gradient Descent: