```
Gibbs Sampling
          To Simulate from Joint distribution 9 (M, 8) ~ TI(M, 0 | X)
Ideally: \pi(\mu, \theta|x) = \pi(\mu|x, \theta) \pi(\theta|x)
               and then simulal alx, a to get one simulation of (1,0) |x
    So we should Simubt O from O[X
      This would have been Exact Method of Simulation
 Gibbs sampling is an approximate method of simlahan
    · Smilet & from O X, pe
   · Simulate & from (a) x, o) to get (1,0) |x
   Gibbs Samply is one particular technique under "Marles Chair Monte Carlo"
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