3/30/17 XI, Xhld, or 2 ind N(A, or 2) assure of known blog ~ N(MO) T2)
= 01X1 ... Xn o ~ N(100 0 2) Aleran N(Mo, no) Mo= y 1/2018,0-2 110 N(B,0-2) assume of from other Y'N Gamma(d, B) := Bt e-By d-1 Y'N Inv Gamma (d, B) = Bd e-By -d-1 P(02|X1, ..., Xn, A) < P(X1, ..., Xn) 0,02) P(02/A)  $= \left(\prod_{i=1}^{h} \frac{1}{\sqrt{2\pi\sigma^2}} e^{-\frac{1}{2\sigma^2}(X_i - \theta)^2}\right) \rho(\sigma^2/2)$ 









