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Median of X = a when

 $P(X \leq a) = 0.5$

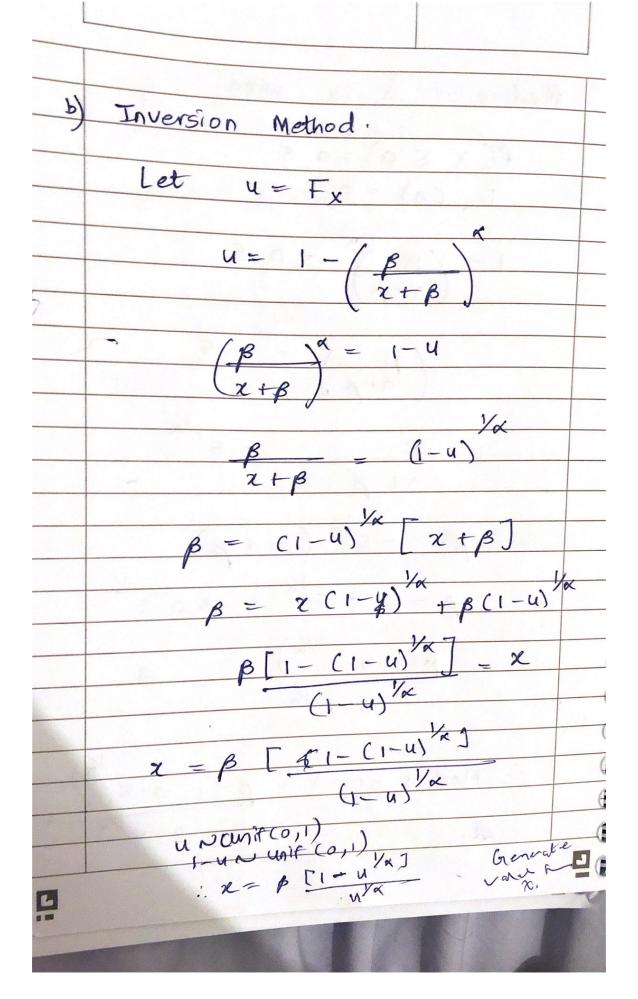
Fx (a) = 0.5

 $1 - \left(\frac{\beta}{\alpha + \beta}\right)^{\alpha} = 0.5$

 $\beta = 0.5^{1/4} (a + \beta)$ $\beta = 90.5^{1/4} + \beta 0.5^{1/4}$

 $\frac{\beta(1-6.5)^{\alpha}}{2.5}$

: Median of $X = \beta (1-0.5)$



L		
	u=runif (10000)	
	$X = 100000^{*} (1 - u^{1/3}) / u^{*} (1/3)$)
	Χ.	