Pg-no-1 Rherboli	Rohan Modi 180123039 2000
01	$f(x,0) = \begin{cases} \frac{1}{6}e^{-x}0 & \text{if } x>0 \\ 0 & \text{otherwise} \end{cases}$
	$X_{(1)} = \min \left\{ X_1 - \dots - X_n \right\}$ $T = \sum_{i=1}^{n} X_i$
	Tis a complete sufficient shitstic for θ Let $W = E(X(x) T)$
	By Lehman schefte theorem Wis the UMVUE of Fo (X(1))
	Now F ₆ (X ₁₁₂) = 0
	(onsider the statistic N= \(\int \text{X(1)}\) = UMVUE of \(\text{O}\) (onsider the statistic N= \(\int \text{X}\);
	Now, $F\left(\frac{2}{x_1}\right) = \frac{1}{h^2} \times h \times F\left(\frac{x_1}{x_1}\right) = 0$
	S_0 , $W = X_1$ N^2

