0F13 Rounale Bastola Lm, M=1,..., 250 Adman Beer @ P(max { L1, ..., L250} >+) = 1 - IP(max { L, ..., L, To) & t} $= 1 - P(L_1 \le t)^{250} = 1 - F(t)^{250}$ $1 - F(t)^{250} < 0.05 < \Rightarrow \sqrt[250]{0.95} \text{ M} F(t) < \Rightarrow t \text{ M} F(\frac{250}{0.95})$ $a := \frac{250}{0.55}$. $a = \frac{x^2}{26} dx$ $u = \frac{x}{x} = \varphi(x)$ $\frac{du}{dx} = \frac{q'(x)}{q'(x)} = \frac{1}{q'(x)}$ $ak = \int_{2\pi}^{2\pi} \int_{e^{2}}^{2\pi} \frac{1}{3} dx = \int_{2\pi}^{2\pi} \int_{e^{2}}^{2\pi} dx$ dx = du· j $= \phi(\frac{t}{s})$. du = dx . 3 (a).8 (b) a # F(t) = 1 - e + = - t < = + 1 - a (=) \t + - \frac{1}{\lambda} \ln(1-a)(