$$F(x) = \frac{d}{dx} e^{\alpha x} = \alpha e^{\alpha x}.$$

$$F'(x) = \frac{d}{dx} (e^{10}) = 10 e^{10 x}.$$

$$F''(x) = 10^{2} e^{10 x}.$$

$$F'''(x) = 10^{5} e^{10 x}.$$

FIX)=

$$F(x) = \frac{F'(0)}{2} + \frac{F''(0)}{2} + \frac{F'''(0)}{3!} + \frac{F'''(0)}{4!} + \frac{F'''(0)}{4!} + \frac{F'''(0)}{2!} + \frac{F'''(0)}{3!} + \frac{F'''(0)}{4!} + \frac{F'''(0)}{2!} + \frac{F'''(0)}{3!} + \frac{F'''(0)}{4!} + \frac{F'''(0)}{3!} + \frac{F'''(0)}{3!} + \frac{F'''(0)}{4!} + \frac{F'''(0)}{3!} + \frac{F'''(0)}{4!} + \frac{F'''(0)}{3!} + \frac{F'''(0)}{4!} + \frac{F'''(0)}{3!} + \frac{F''''(0)}{3!} + \frac{F'''(0)}{3!} + \frac{F''''(0)}{3!} + \frac{F'''(0)}{3!} + \frac{F''''(0)}{3!} + \frac{F'''(0)}{3!} + \frac{F''''(0)}{3!} + \frac{F''$$