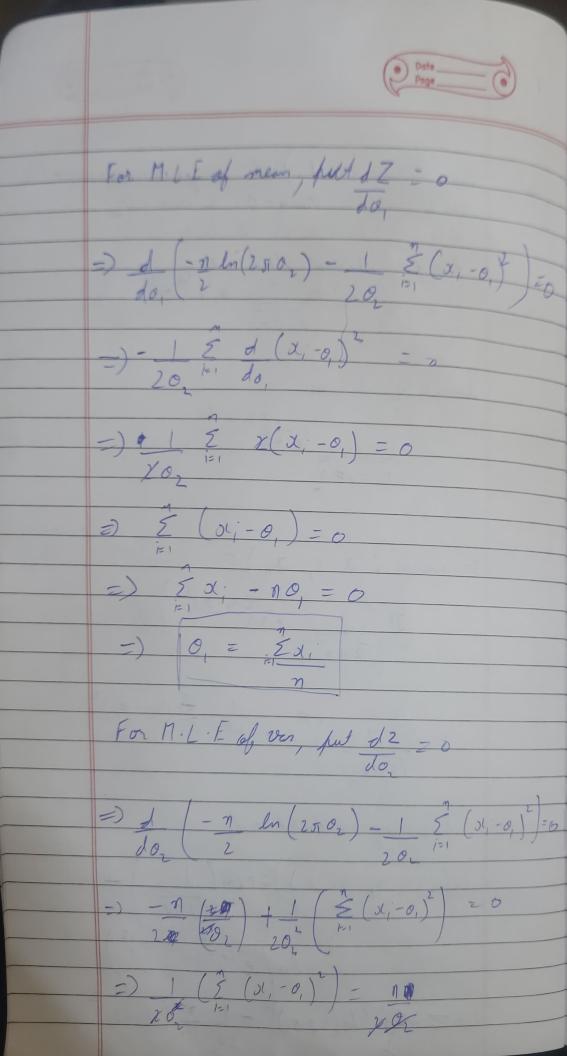
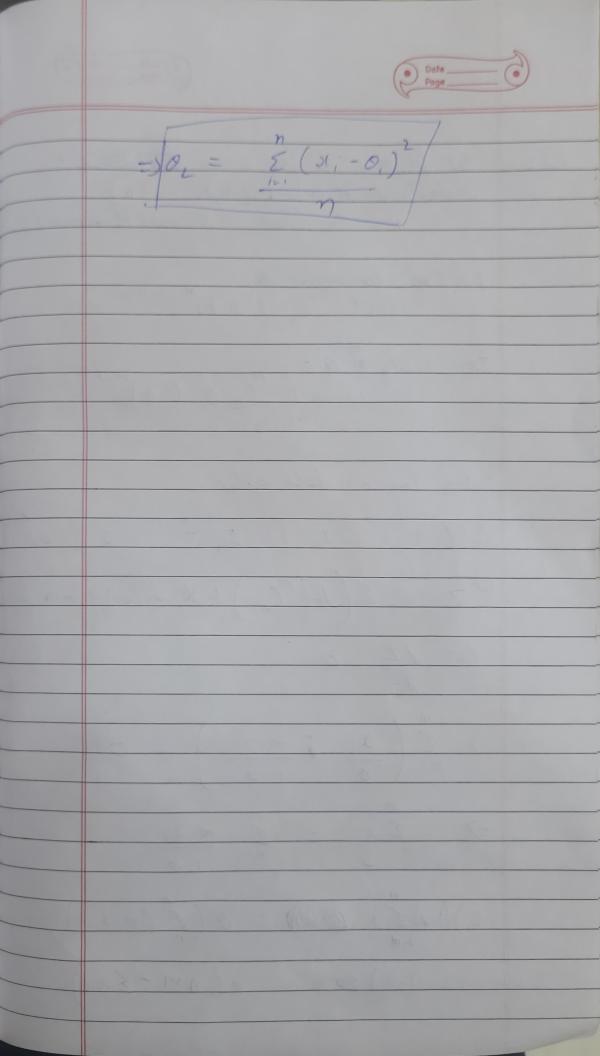
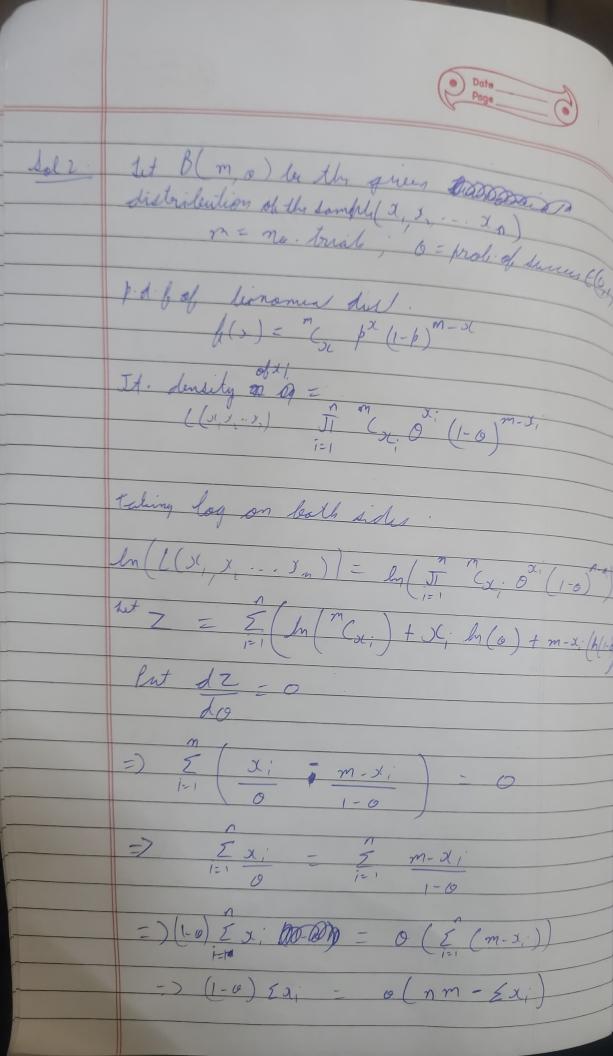


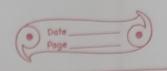
Let (x, x, - x,) by a given normal f. d. f. of normal dist. is = (x-11)²

fo (31) - 1 e = 02 Denisty of I; is V250003 It density L(X, X, .. Xn) = $\frac{1}{\sqrt{1}} \left(\frac{1}{\sqrt{2510}} \right)^{2}$ $= \frac{1}{\sqrt{2510}}$ $= \begin{pmatrix} 1 & \frac{\pi}{2}(x_1 - o_1)^2 \\ \sqrt{2\pi o_2} & \frac{\pi}{2} \end{pmatrix}$ Tuling log on bath sides $ln(1(x, x_1, -x_1))=nln(1)$ $ln\left(e^{\frac{1}{2\sigma_{2}}\sum_{i=1}^{m}\left(x_{i}-\sigma_{i}\right)^{2}\right)$ 2+ 7 = n (ln(2 JO1)) - 1 2 (x; -0,)









$$=) 0 = \underbrace{2}_{x_i}$$

$$= \underbrace{n}_{n}$$