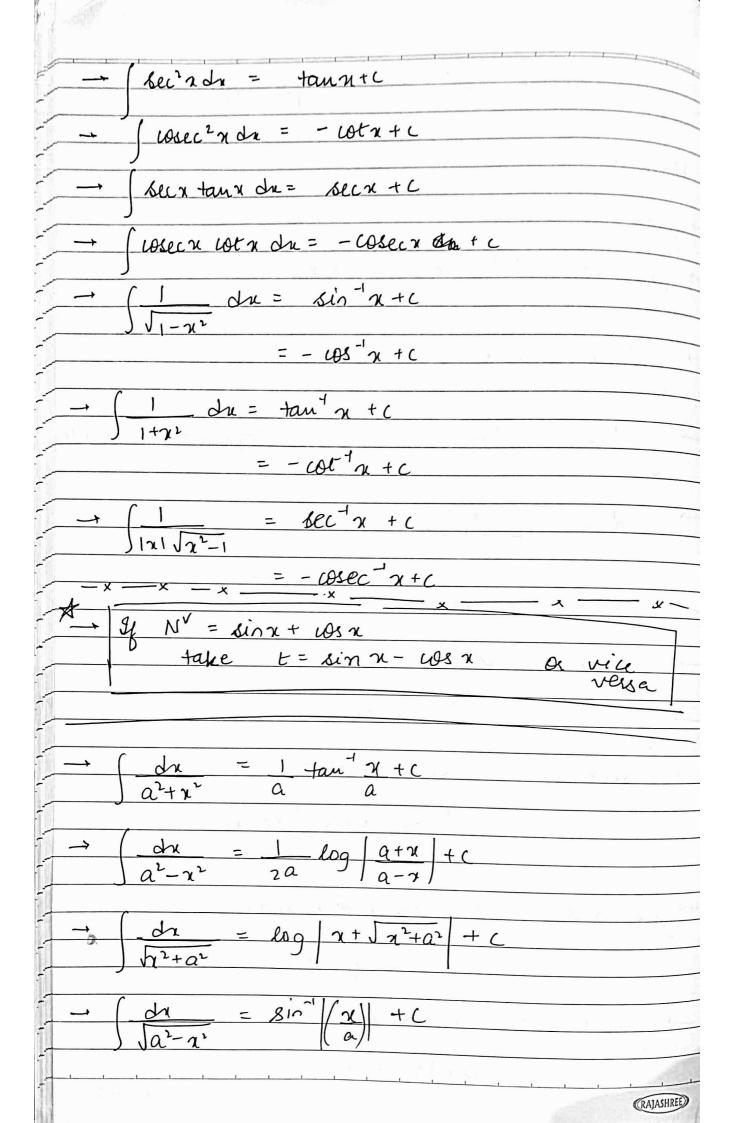
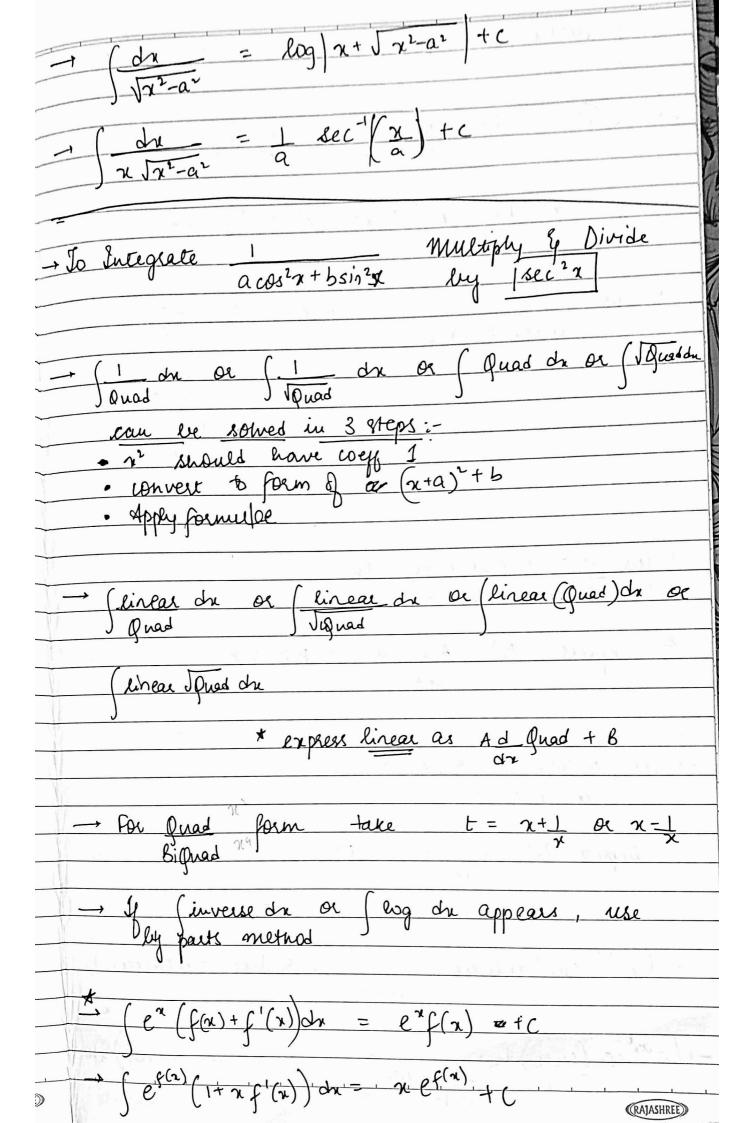
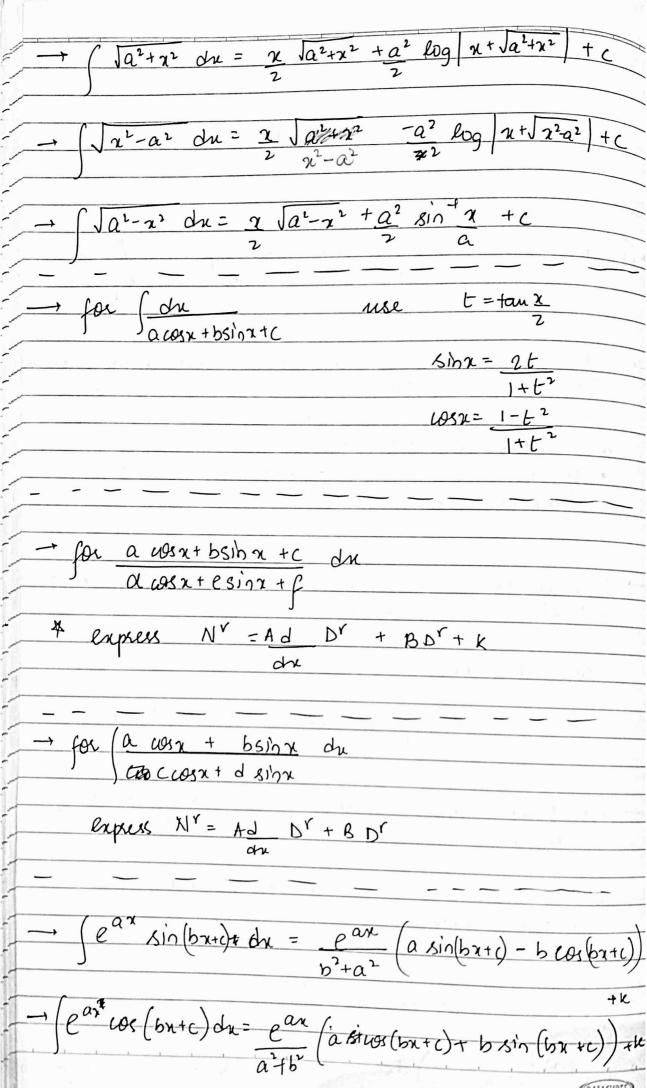
Indéfinale Infégration formulae - (#dx = x+c $\rightarrow \left(\int_{\mathcal{X}} dx = \log x + c \right)$) log x dr = x (logx-1)+C + (e7dx = e7+c $\int \frac{ea}{dx} dx = \frac{a^{x} + c}{\log a}$ - (sin x dx = - cos x dx - (cosn du = cos sinnam tanzon = lug secz +c → (secretx = log secretary) + c = log tan * (1+x) +c -> [wsecx dx = log wsecx-& cotx) +c = log | tan x | + c - (cot 2 du = - log | so cosec x | tc = log | sin a | tC (RAJASHREE)







(RAJASHREE)

Mulipey Nr & Dr by Ja2+62 tasinx ± buosx f(x) =_ secx - tan x = Partial fractions $\frac{a}{(a_1x+b_1)(a_1x+b_2)+\dots}$ form 1: $\frac{(a_1 + b_1)(a_1 + b_2)t....}{(a_1 + b_1)(a_1 + b_2)t....} = A + B$ $\int (x) = N^{\nu}$ $(a_1 x + b_1)^2 (a_1 x + b_2) \dots$ f(x)_ $\frac{\text{form 3!-} f(x) = N^r}{(a_1 x^2 + b_1 x + c_1)(a_1 x + b_2)}$ $= \frac{A_1 \chi + A_2}{\left(a_1 \chi^2 + b_1 \chi + L\right)} + \frac{a_2 B}{a_1 \chi}$ Mote: Degree of N' must be lesser than D'x, (RAJASHREE)

