Nama: Andri Firman Sarutra Kalkulus II UAS Semester2 Date NIM: 2010/1402/25 1. 5 x. e2x Jx V=x 1U = 1x dv = ezx dx Sx e2x dx = x. 1 e2x 2.  $S(x-1) \ln(2x) dx$ V=(x-1) 10 = 1x  $dV = \ln(2x) dx$ V = x 10(2x) 5 U dv = UV - 5 V dv  $(x-1) \cdot \ln(2x) dx = (x-1)x \ln(2x) -$ SxIn(2x) dx  $\int (x-1) \cdot \ln(2x) dx = x \ln(2x) + x - 1 - \ln(2x) + C$ 

JOYKO\* 36 Lines, 6 mm