$$\int (f) = \int_{-1}^{2} \times |n \times d \times = 0.636629$$

Dr's Original Formula not giving the answer $\frac{y_2}{2}$ $\frac{h_3}{3}$ ($f(x_{2i-2})$ + 4 $f(x_{2i-1})$ + $f(x_{2i})$

BETTER FOLLOW THIS ONE !!!

$$\lambda = b - a$$

$$if = k = \frac{1}{4} = \frac{2-1}{4} = \frac{1}{4} #$$

$$S_n(x) = \frac{h}{3} \sum_{i=1}^{N^2} f(x_{2i-2}) + 4f(x_{2i-1}) + f(x_{2i})$$

$$= \frac{0.25}{3} \sum_{i=1}^{2} f(x_{2i-2}) + f(x_{2i-1}) + f(x_{2i})$$

$$= \frac{0.85}{3} \left[(f(x_0) + 4f(x_1) + f(x_2)) + (f(x_2) + 4f(x_3) + f(x_4)) \right]$$

$$= \frac{0.25}{3} \left((0 + 4(0.7389) + 2(0.60819) +) + 4(0.979327) + 1.38629 \right)$$

Ever =
$$|(2x_0x_1 - S_2(x))|$$

= $|(0.636629 - 0.6362481667)|$
= $|(3.52x_10^{-4})|$