$$f(x) = senx$$

$$simpson 1/3 compuesto con 6 intervalos$$

$$ln = \frac{b-a}{n} = \frac{3-0}{6} = 0.5$$

$$subintervalos = \{0.25, 0.75, 1.25, 1.75, 2.25, 2.75\}$$

$$\int_{a}^{b} f(x) dx = (b - a) \left[ \frac{f(x_0) + 4\sum_{i=1}^{n} f(x_{mi}) + 2\sum_{i=1}^{n-1} f(x_i) + f(x_n)}{6n} \right]$$