

\* Calculando a eficiência do código:

$$H(s) = 0.4 \times \log_2 \frac{1}{0.4} + 2 \times \left(0.2 \times \log_2 \frac{1}{0.2}\right) + 2 \times \left(0.1 \times \log_2 \frac{1}{0.2}\right)$$

$$H(s) = 2.12 //$$

$$L = 2 \times 0.4 + 2 \times 0.2 + 2 \times 0.2 + 3 \times 0.1 + 3 \times 0.1 = 2.2/1$$

loogo: 
$$\eta = \frac{H(5)}{L} = \frac{2,12}{2,2} = 0,9636 \times 100\% = 96,36\%$$