5.1.5.

Appear N stations share a 56 hisps pure Aloha channel, with 1000 b arrange frames sent every 100s on overage by each one, even if the previous one hasn't been sent yet (outgoing frame buffer). What is the max N?

Anote & Afrome :
$$\lambda = N\lambda_{\text{node}} = N - \frac{1}{100s}$$

$$T_{\text{tx}} = \frac{S_{\text{t}}}{R} = \frac{1000 \, \text{b}}{56 \, \text{logs}} = 17.86 \, \text{ms}$$

$$= \frac{1}{100s} = \frac{1}{100s} = 17.86 \, \text{ms}$$

5.1.6. to 000 stations compete for the usage of a slothed Aloha channel with an average of 18 requests/hour perstation and 125ms slots. What is the approximate channel load?