Embedded "app" of the day

\[ N = \frac{PCLK \times 10^6 \text{ MHz}}{64 \times 2^{n-1} \times B} \]

\[ B = \text{bit rate} \]
\[ N = \text{BRR} \]
\[ n = \text{CKS} \]

\[ N = \frac{50,000,000}{64 + 2^{-1} \times 38,400} \]

\[ = 40.69 \] error

Why communicate slower "Sync" clocks better
Q_T \rightarrow Data = \text{Contents}
\rightarrow \text{Head} = \_\_\_\_\_\_\_2
\rightarrow \text{Tail} = \_\_\_\_\_\_3
\rightarrow Size = \_\_\_\_\_\_\_1

Receive character 'A'
Receive character '7'
Receive character '@'
Consume a character (clear out queue elements)
Consume a character