Lecture problem #1

DFA

NFA

001000
\[
\begin{align*}
Q &= \{ s_0, s_1, s_2, s_3, s_4, s_5 \} \\
\Sigma &= \{ 0, 1, \lambda \} \\
g_0 &= 5_0 \\
F &= \{ s_5 \} \\
\delta &= \begin{pmatrix} 0 & 1 & 6 \\ 5_0 & 5_0 & 5_0 & 5_0 & 5_0 \end{pmatrix} \\
\exists = \emptyset
\end{align*}
\]
Active Learning Problem: 0s or 1s