Name: _____

Kerberos username (omit @mit.edu): _____

Consider the Grammar:

$$
\begin{aligned}
\mathsf{Start} &\rightarrow A \\
A &\rightarrow CB \\
A &\rightarrow C \\
B &\rightarrow 1 \\
B &\rightarrow CB \\
C &\rightarrow 01 \\
C &\rightarrow \epsilon
\end{aligned}
$$

Q: Show the rules for what is contained in the First set of each symbol (e.g. $\mathsf{First}(C) \subseteq \mathsf{First}(A)$)

Q: Perform the fixed point algorithm to determine $\mathsf{First}(A)$, $\mathsf{First}(B)$, and $\mathsf{First}(C)$.