Consider the grammar:

$Start \rightarrow A$
$A \rightarrow CB$
$A \rightarrow C$
$B \rightarrow 1$
$B \rightarrow CB$
$C \rightarrow 01$
$C \rightarrow \epsilon$

1. Show the steps of the fixed point algorithm to determine whether each terminal derives ϵ.

2. Show the rules for what is contained in the First set for each symbol (e.g. "First$(C) \subset$ First(A)").

3. Perform the fixed point algorithm to determine First(A), First(B), and First(C).