Eliminate left recursion for the following two grammars. That is you must rewrite the grammar so that the new grammar produces the same language as the previous grammar.

1)  

\[ S \rightarrow Aa \mid Bb \]
\[ A \rightarrow Aa \mid Abc \mid c \mid Sb \]
\[ B \rightarrow bb \]

2)  

\[ S \rightarrow AbB \mid bAc \]
\[ A \rightarrow Ab \mid aBB \]
\[ B \rightarrow Ac \mid cBb \mid c \]