Step-1

No

For example $A=\begin{bmatrix}1 & 2\\ 0 & 1\end{bmatrix}, B=\begin{bmatrix}1 & 3\\ 0 & 1\end{bmatrix}$, B is have same null space $\{0\}$, same column space R^2, same row spaces, same left nul space But $A \neq CB$ for any $C \in R$.