1. Using Common Subexpression Elimination, rewrite the basic block:

\[
\begin{align*}
  x &= a + b; \\
  y &= x + c; \\
  z &= a + b + c;
\end{align*}
\]

2. Would CSE consider the following programs equivalent?

\[
\begin{align*}
  x &= a + b; \\
  y &= c + x; \\
  z &= a + b + c; \\
  x &= a + b; \\
  y &= c + x; \\
  z &= y;
\end{align*}
\]