## Attendance Quiz for Lecture 11

NAME: (print!)

E-MAIL ADDRESS: (print!)

1. By using the initial tableau for the following problem

Minimize $x_{1}+x_{2}$ subject to the constraints

$$
\begin{gathered}
2 x_{1}+x_{2} \geq 2 \quad, \quad x_{1}+2 x_{2} \geq 2 \\
x_{1} \geq 0 \quad, \quad x_{2} \geq 0
\end{gathered}
$$

that we got in attendance quiz 10 , find the optimal solution using the big- $M$ method.


