Homework Assignment: 2
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1. X Sorting Algorithm

   (a) EXAMPLE$\Rightarrow AXEMPLE \Rightarrow AEXMPLE \Rightarrow AEEMPLX \Rightarrow AEELPMX \Rightarrow AEELMPX$

(b)

2. Bubble Sort

   (a)

   (b)

   (c)

3. Show that $n^2 \in O(n^2 + 10n), n \geq 0$

4. Show that $n \notin \Omega(n^2)$