**Csc360: Homework-1 Recursive Definition of sets of strings.**

**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Download this Word file and insert your answer in the same word document, then upload the Word file to Canvas**

1. **Give a recursive definition (Basis; and Recursive step) for the set of strings over** $\{a,b\}$ **which begin with the symbol b and has even length.**

**Basis:**

**Recursive step:**

1. **Give recursive definition (Basis; and Recursive step) for the set of strings over** $\{a,b\}$ **in which every symbol a is preceded by symbol b.**

**Basis:**

**Recursive step:**