Regular Language Pumping Lemma

CS 311, Fall 2015

Exercise 1   Use the Pumping Lemma to show that the language $\{0^i 1^j \mid i > j\}$ is not regular.

Exercise 2 Use the Pumping Lemma to show that the language $\{w \mid w$ contains an equal number of a's and b's$\}$ is not regular.