

HW 1 (Turn in by Feb 25)
CS 4318/5331
Spring 2010

1. Construct an NFA for the following RE $(a|b)^*abb$. Assume alphabet has just two symbols a and b .
2. (a) Give a regular expression for the language that contains all strings that start with a and ends with bb . Assume alphabet has just two symbols a and b .
(b) Construct an NFA to recognize the above language
(c) Convert the NFA to DFA
(d) Minimize the DFA