## COS126 RE - DFA Worksheet

- Recommended RE/DFA exercises from the exam archive:

Fall 2009, Exam 2, question 2
Fall 2008, Exam 2, question 4

- Booksite Exercise 7.2.2
- Write a regular expression for each of the following sets of binary strings. Use only the basic operations.

1. all binary strings
2. all binary strings except empty string
3. begins with 1 , ends with 1
4. ends with 00
5. contains at least three 1 s

- Make a DFA that recognizes the same language as each of the above Regular Expressions.


