

Homework 6
Cpt S 317, Spring 2009
Due Date: April 1, 2009

Total points: 38

1. (10 points) Exercise 6.2.1 parts b and c.
2. (8 points) Let L be the set of all strings with twice as many 0s as 1s. Design two PDAs for L , one that accepts by final state and another by empty stack. In your answer, build any one type of PDA first and then convert that to the other form.
3. (5 points) Exercise 6.3.2.
4. (5 points) Exercise 6.4.1. part a.
5. (10 points) Exercise 6.4.2 parts a and b.