CS411 Homework 1: Reference
due Wednesday 3/26

March 21, 2003

There was a cat from Johns Hopkins.
It played a fiddle and drank sloe gins.
Gin was its only vice,
along with mice.
It ate those by the pie tins.

1 Resolve all of the reference in the above discourse using your intuition.

2 Use the Lappin and Leass algorithm to resolve the coreference links in the above discourse.

3 Use the Hobbs Algorithm to propose the top 5 candidates for the ‘it’s only vice’ in the third sentence.

4 Give an example of where verb selectional restrictions might be helpful in untangling one of the instances of coreference