

STAT 598Z: Homework 1

January 30, 2013

Problem 1 (2 pt) Solution (one of many ways to solve the problem):

- `wc -l dummy.txt` to count number of rows
- `cat dummy.txt | tr -d "|" | head -n 1 | wc -w` to count number of columns
- `cat dummy.txt | tr -d "|" | xargs | wc -w` to count total number of elements
- `cat dummy.txt | head -n 1 | cut -d"|" -f2` to print element $a_{1,1}$
- `cat dummy.txt | tail -n 1 | rev | cut -d"|" -f2 | rev` to print element $a_{n,n}$