Math 300 Fall 2024

## Lab Assignment #20

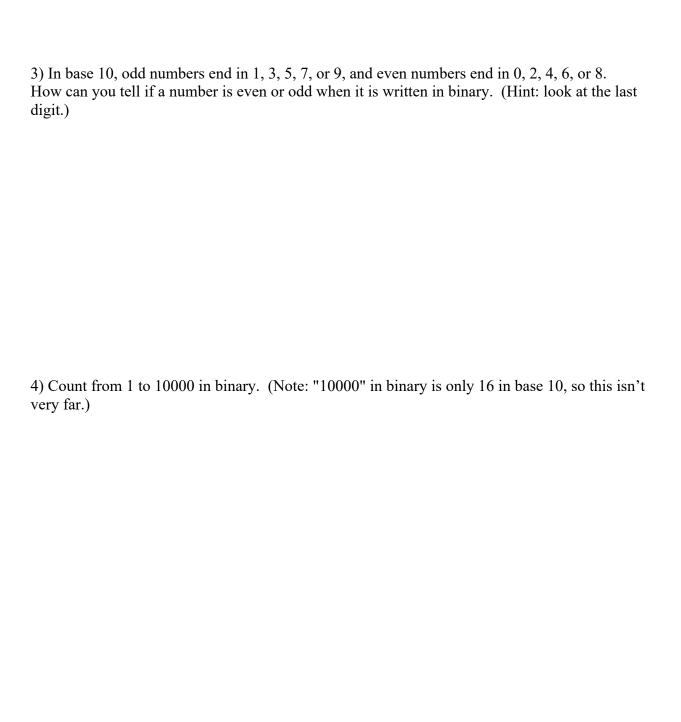
This lab is due at 12:30 PM on Wednesday, 11/20 and is worth 10 points. This part may be done individually, or in a group of 2, 3, or 4 people.

- 1) Convert these binary numbers to base 10:
- a) 101
- b) 11000
- c) 1111

- d) 1010101 e) 110001 f) 1000000000

- 2) Convert these base 10 numbers into binary:a) 67b) 101c) 14

- d) 127 e) 99 f) 298



5) Try adding in binary: 1001 + 10011 = ? Check your answer by converting to base 10.

6) Try multiplying in binary: 1001 \* 101 = ? Check your answer by converting to base 10.