

COMP 150
Lab 02: Binary Lab
Written Component

1. In your words, explain why computers represent information using zeros and ones.

2. In general, what is a transistor? How have advancements in transistor technology driven computer capabilities?

3. What is a bit?

4. Fill in the following table - use five bits:

Decimal	Binary		Decimal	Binary		Decimal	Binary
0	00000		6			12	
1	00001		7			13	
2			8			14	
3			9			15	
4			10			16	
5			11				