

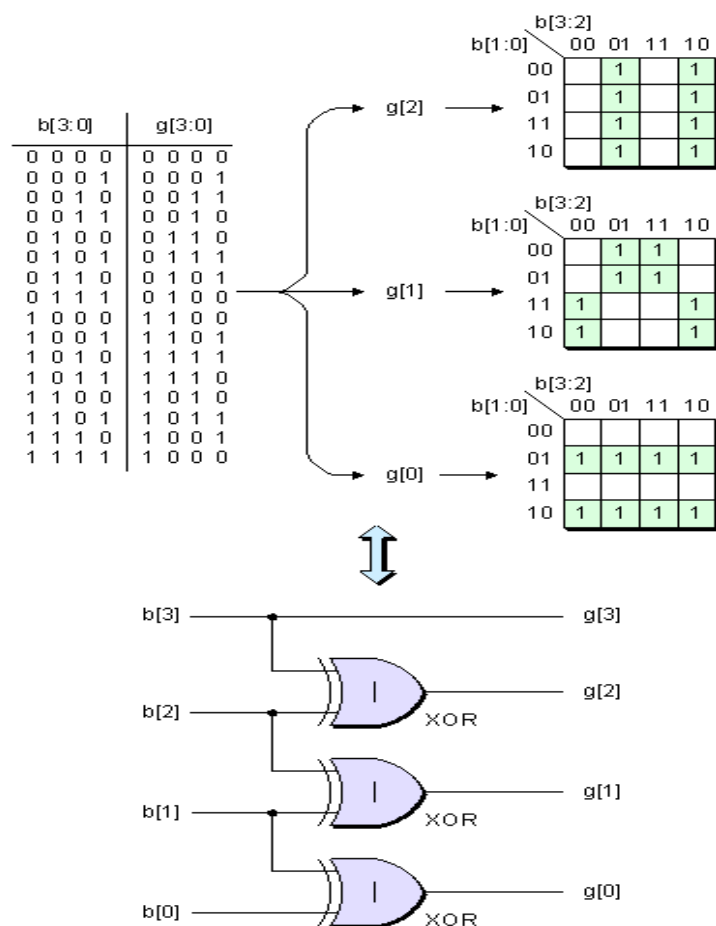
## EXPERIMENT NO. - 14

### Aim of the Experiment:

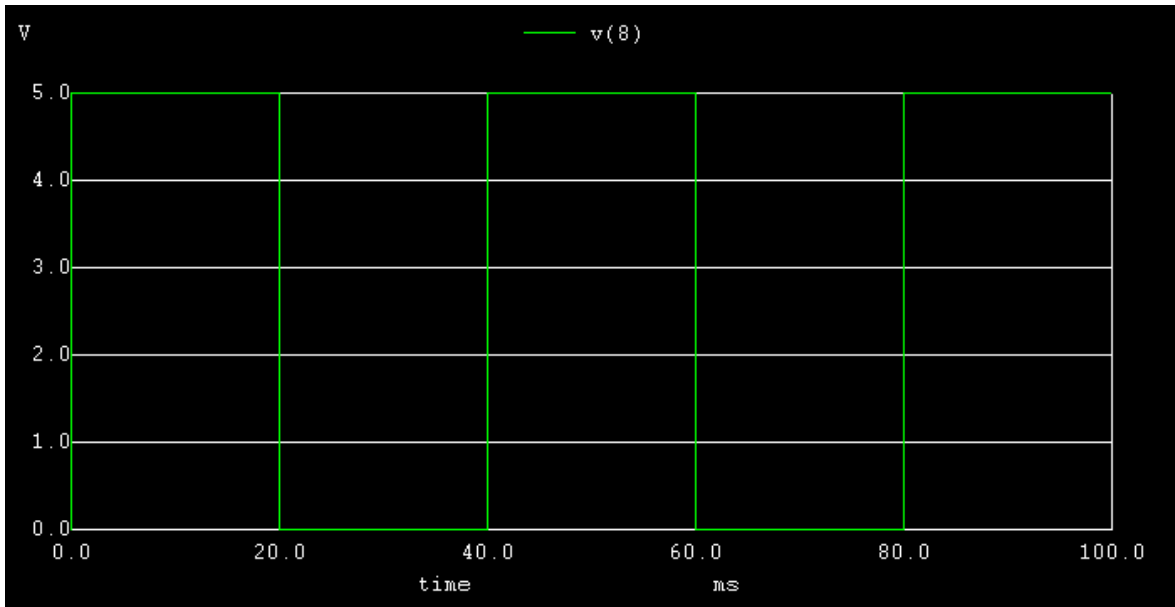
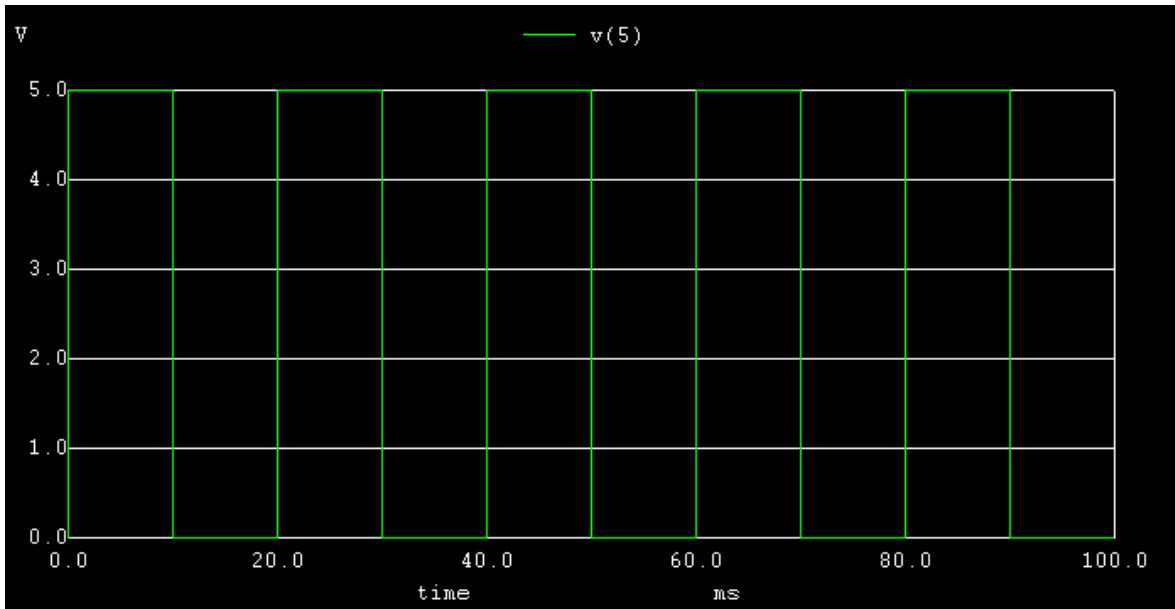
Design, assemble and testing of Binary to gray converter

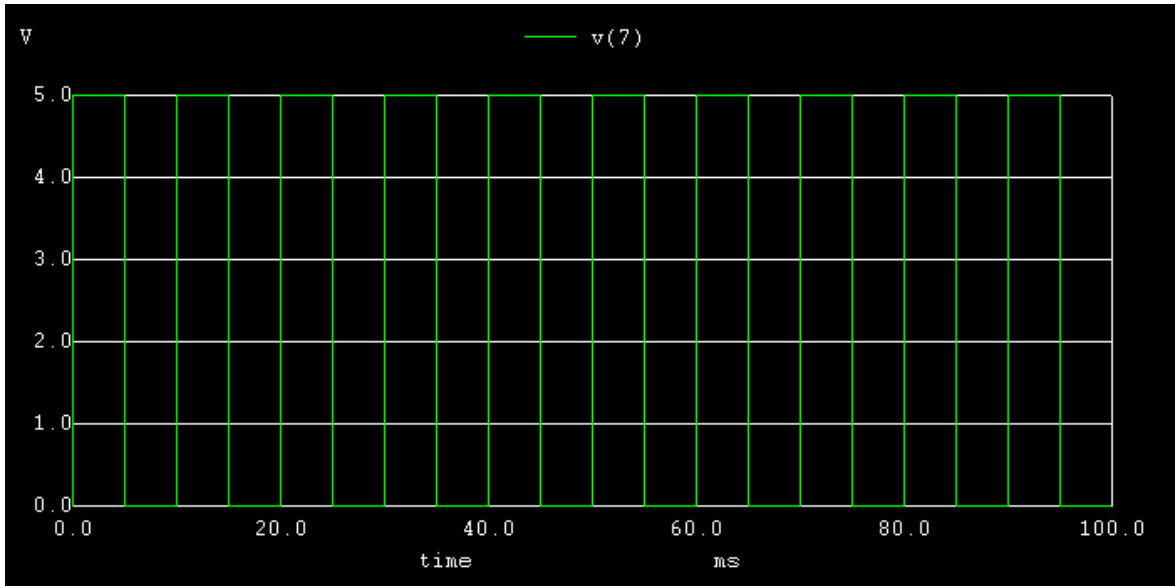
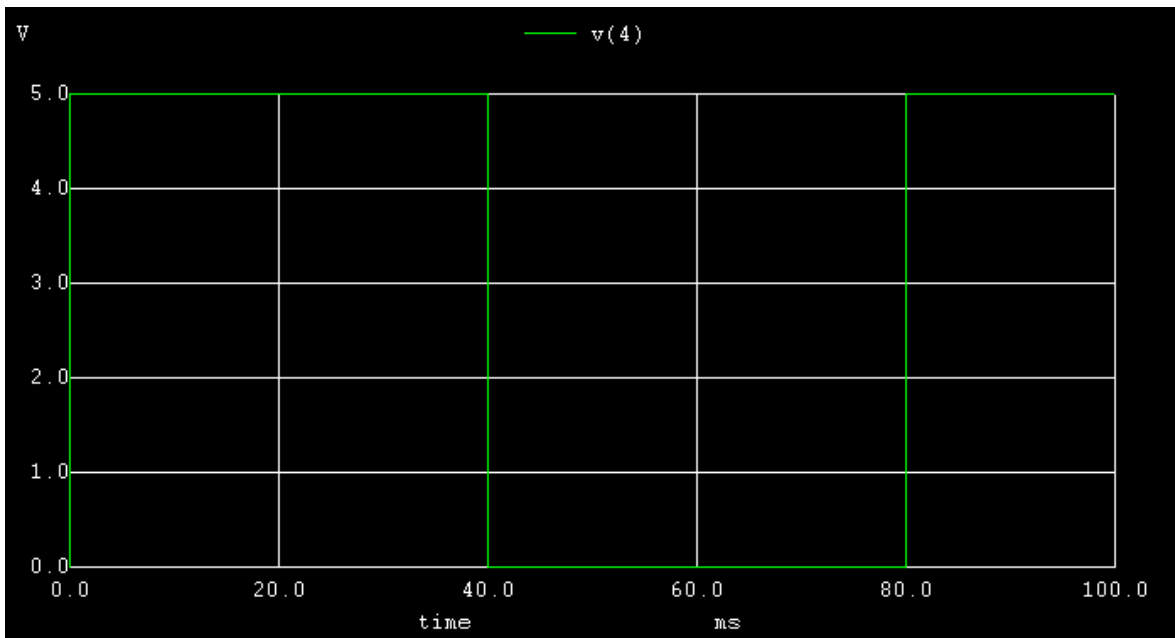
### Theory:

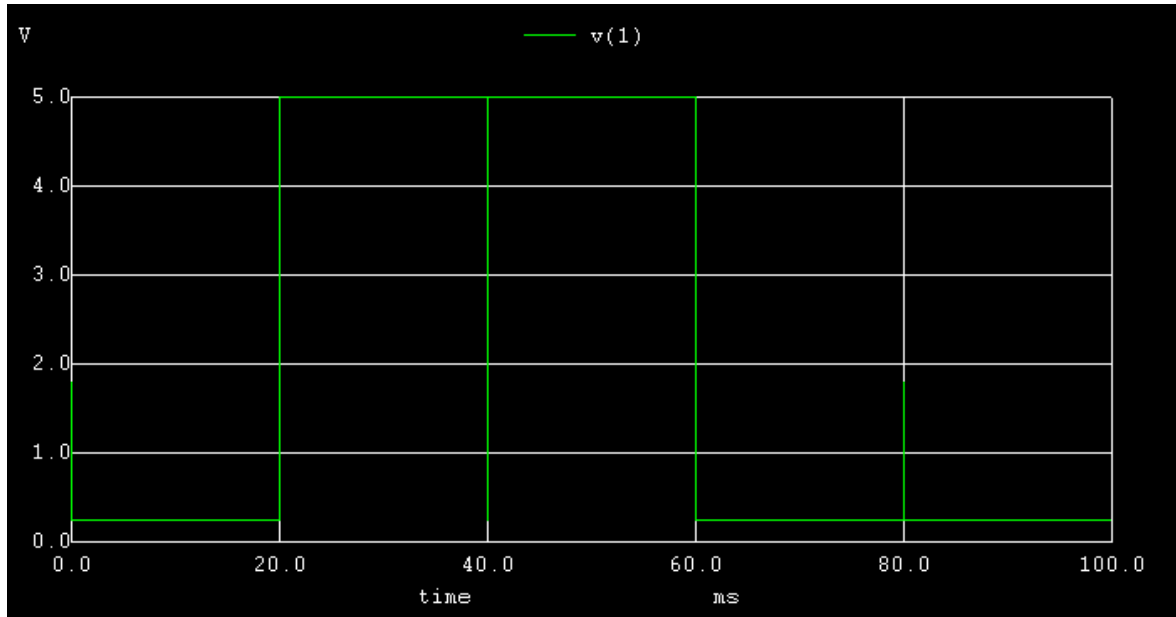
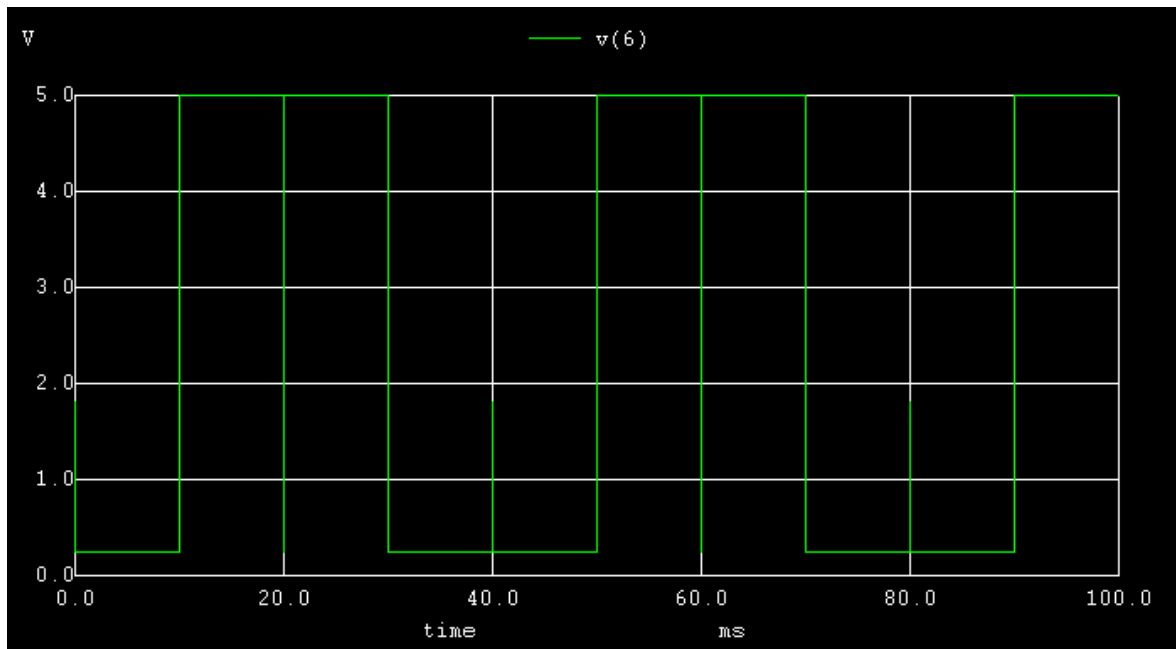
In binary coding the text or the data is represented in a stream of bits of 1's and 0's .GRAY CODES are non weighted codes , that is they cannot be provided a weight to calculate their equivalent in decimal . Gray codes are often called reflected binary code, the reason is clear if you compare the column of gray code with the binary code.



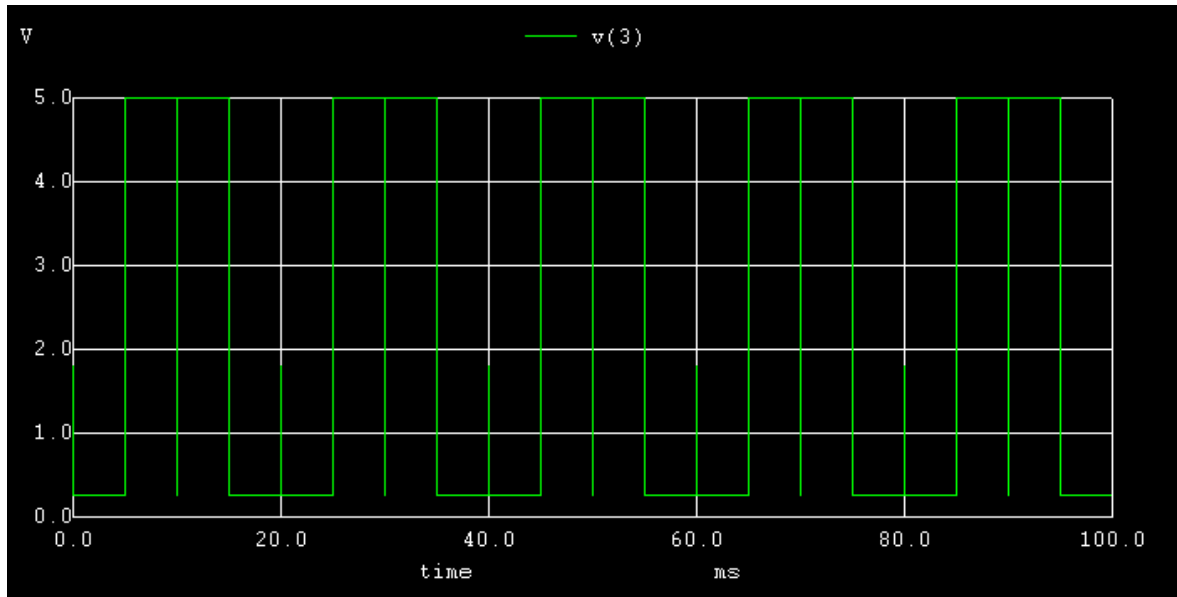


**B1:****B2:**

**B3:****Output Waveform:****G0:**

**G1:****G2:**

**G3:**



**Conclusion:**

**Date:**

**Signature of the Student**

**NAME:**

**ROLL NO.:**

**GROUP ID:**

**SUB GROUP NO.:**

**Experiment Mark:**                      **/ 20**

**Instructor's Signature**