EL227- Digital Logic Design Lab

Lab # 10 BCD to 7 Segment Display

- **Use Multism to design circuit diagrams.**
- **Label your inputs and outputs properly on logic.ly**

1. Design 7 segment decoder circuit to display the following digits on 7 segment display. (3, 5, 9).
2. Test the functionality of a 8x1 multiplexer using the IC-74LS151
3. Test the functionality of a 4x1 multiplexer using the IC-74LS153
4. Implement the following Boolean functions on Multism using the AND, OR, NOT IC's.
   F=A'.B + A.B'
   F=A'.B'+ A.B