




ECEN Academy

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 - (91) 97908 73099

ESP - LED Problems – Set 2

Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.

Connect 8 LEDs to an 8-bit port

1. **Blink First LED (With Delay)**
2. **Blink all the 8 LEDs (with delay)**
3. **Glow the LEDs one by one (Do not off the LED)**
4. **Glow the LEDs one by one(at a time one LED should glow)**
5. **Glow the EVEN LEDs one by one (Do not off the LED)**
6. **Glow the ODD LEDs one by one (Do not off the LED)**
7. **Glow 0 to 3 LEDs (one by one)**
8. **Glow 4 to 7 LEDs (one by one)**
9. **Glow 3 to 0 LEDs (one by one)**
10. **Glow 7 to 4 LEDs (one by one)**