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PIC 18F – EXAMPLE CODES - OUTPUT DETAILS

1. **7-SEGMENT** -- To Display numbers 1 2 3 4 in 7-Segment Display

2. **BUZZER** -- To Switch On and Off Buzzer Continuously with delay

3. **CAPTURE** -- To compliment the status of Led's on every capture

4. **COMPARE** -- To turn On Led's on every Compare

5. **ADC** -- To Read Adc Value and Display it In Lcd

6. **I2C** -- To Read and Write External EEprom Using I^2C Protocol. The read data is transmitted through serial port at a baudrate of 9600.

7. **EXT_INTERRUPT** -- To compliment the status of Buzzer on every External Interrupt

8. **LCD** -- To Display "HELLO" in Lcd

9. **LED** -- To Blink Led continuously Connected To PortB

10. **MATRIX** -- To Display the Keyboard Entry In Lcd

11. **PULL_UP KEYS** -- To Transmit The Pull-up Keyboard Entry Using Usart (Press The Key Board After Connecting The Board To The Computer Using Serial Cable and Open The Hyper-Terminal window with 9600 Baudrate (Result Will Be Shown In The Hyper-Terminal)

12. **PWM** -- To generate a pulse with duty cycle 50%

13. **TIMER0** -- Toggle LED status on Timer0 overflow

14. **TIMER1** -- Toggle LED status on Timer1 overflow

15. **TIMER2** -- Toggle LED status on Timer2 overflow

16. **USART--USART_RXN**--To receive data and transmit it back to hyperterminal

    --**USART_TXN**--To Transmit Data Using Usart