

Hello Dear Students!

Here is the parts list that you need to prepare if you like to do the projects.

Parts Needed:

1. Arduino Uno R3 Board with Cable
2. BreadBoard (small or big)
3. LED Red, Orange, and Yellow (at least 10 pcs total)
4. Male-to-male wires for Arduino (at least 10 pcs)
5. Female-to-female wires for Arduino (at least 10 pcs)
6. Male-to-female wires for Arduino (at least 10 pcs)
7. LCD 16x2 I2C - 1 piece
8. Resistor - 220 Ohms (at least 10 pcs)
9. Resistor - 470 Ohms and 10k Ohms (at least 10 pcs)
10. Seven Segment Display (1 piece)
11. Ultrasonic Sensor SRF05 (1 piece)
12. DHT 22 or DHT 11 Sensor for Temperature and Humidity
13. 5 volts Relay (1 piece)
14. Potentiometer 10k ohms (1 piece)
15. Flame Sensor Module (1 piece)
16. Push Button (at least 5 pcs)
17. Buzzer (1 piece)

Optional Parts:

18. Arduino Pro Mini (1 piece)
19. 128 x 64 LCD Display SSD1306
20. Mini Breadboard (1 piece)
21. RTC Realtime Clock with Battery Module
22. IR Sensor (1 piece)
23. 5volts Mini Fan (1 piece)
24. 4 digits Display (1 piece)
25. 9g Servo (1 piece)
26. RGB LED
27. Others

I will be adding more parts soon for our additional projects!