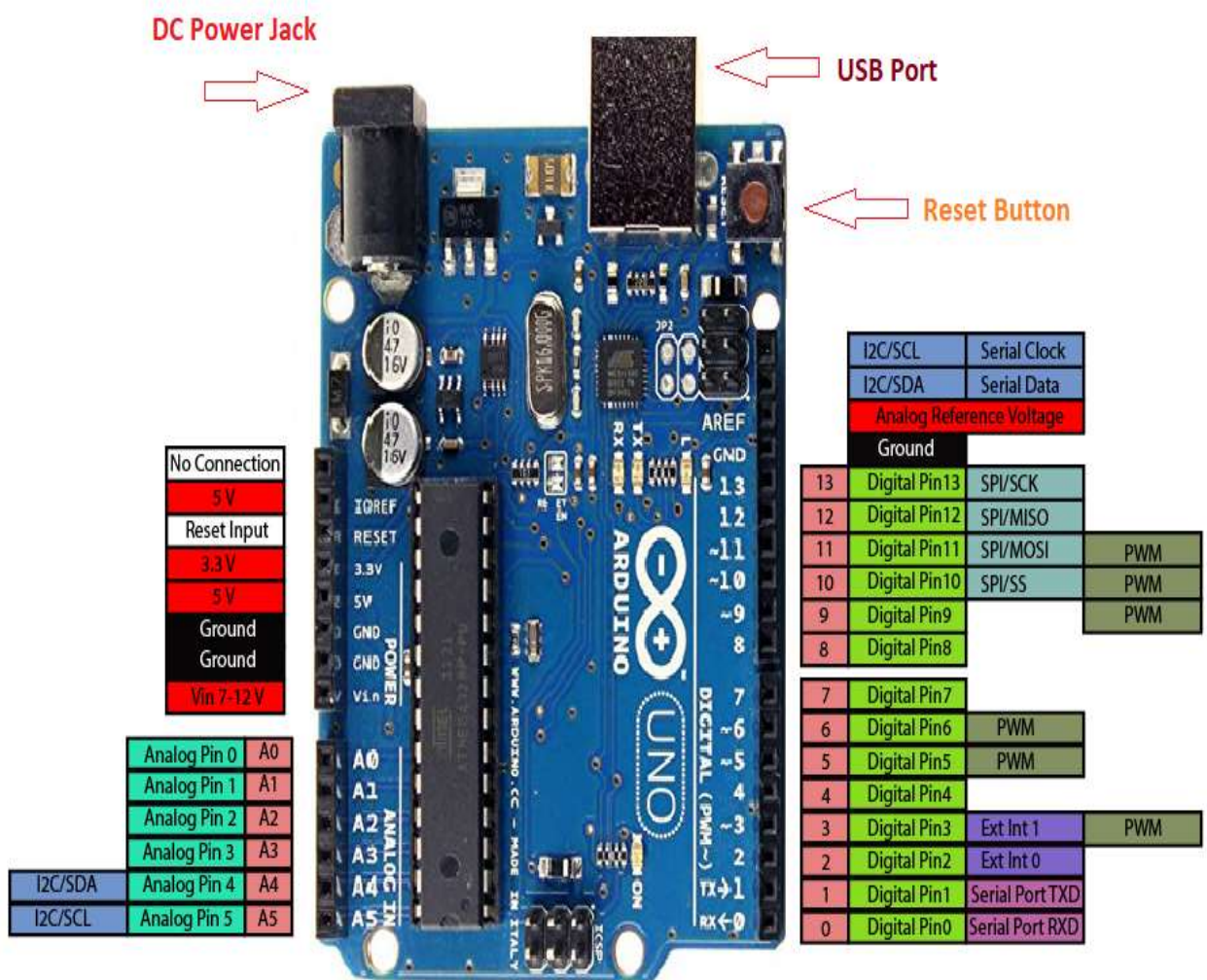


ARDUINO UNO PIN-OUT DETAILS



Arduino Uno Pinout

Circuit Diagram

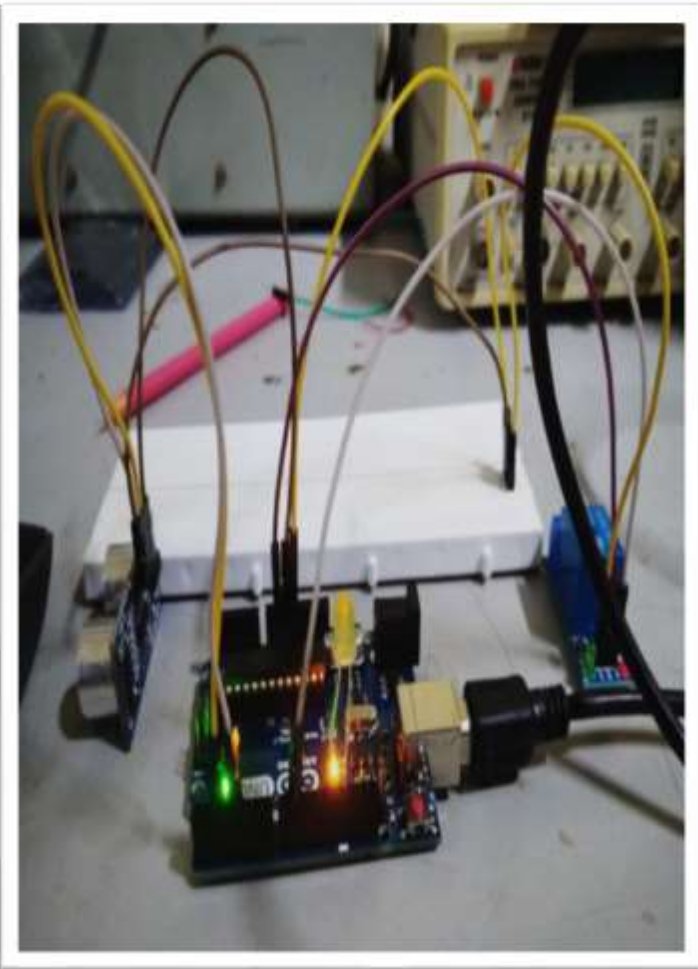


Fig-Water level between 5 cm and 30 cm(from the sensor – NO PUMP OPERATION)

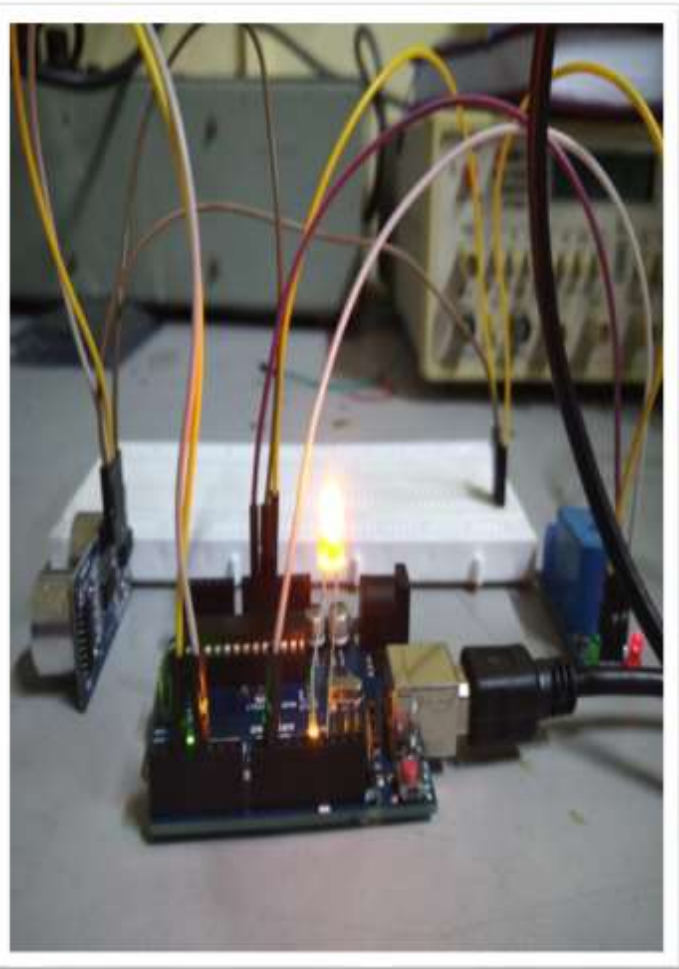


Fig-Water level ≤ 5 cm or ≥ 30 cm (LED HIGH to indicate HIGH LEVEL / LOW LEVEL)

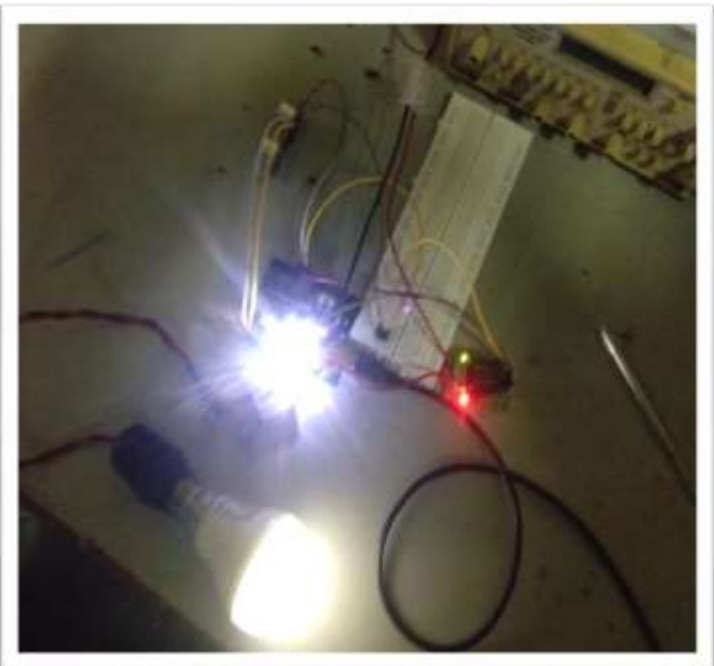


Fig- Bulb glowing (PUMP in operation, when water level ≥ 30 cm)

Connection Diagram

Arduino	HC-SR04
5v	Vcc
GND	GND
4(Digital)	Trig
2(Digital)	Echo

Fig-Pin Diagram For Arduino UNO and Ultrasonic Sensor HC-SR04

Arduino	Relay
5v	Vcc
GND	GND
9(Digital)	IN

Fig-Pin Diagram For Arduino UNO and Relay.