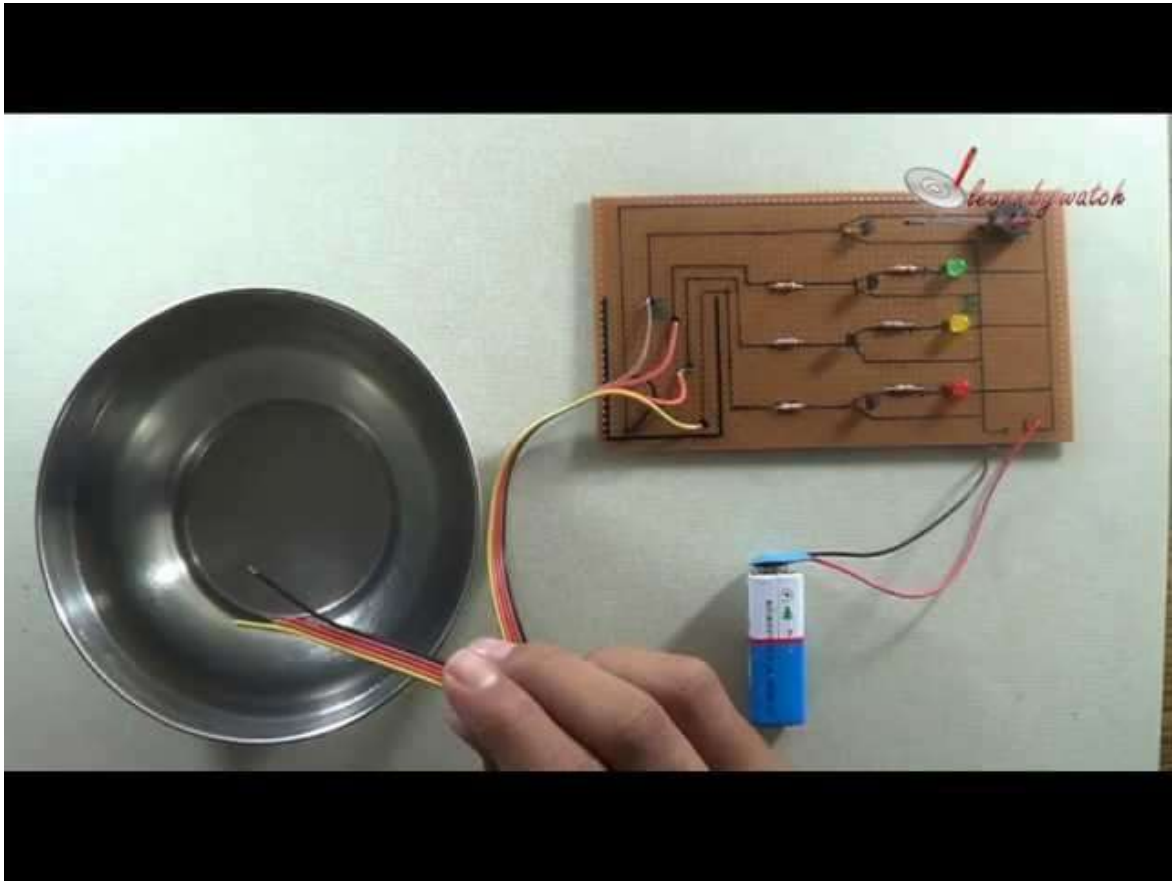
Water Level Indicator



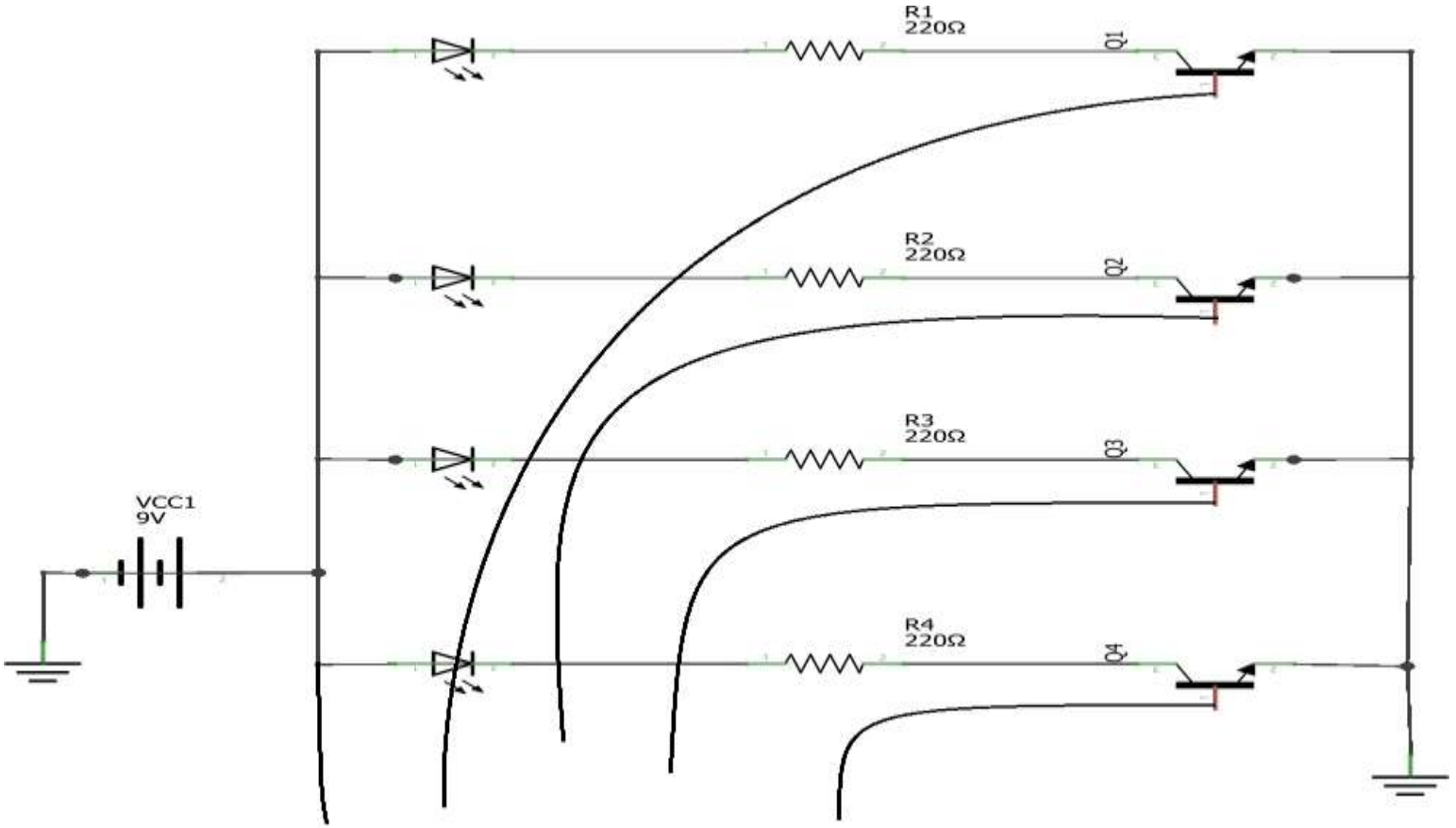
About Project

Water tank overflow is a common problem which leads to the wastage of water. Though there are many solutions to it like ball valves which automatically stop the water flow once the tank gets full. But being an electronics enthusiastic wouldn't you like an electronic solution for it? So here is a simple and handy DIY that will guide you to make a circuit which will detect the water level and will indicate the water tank full or a preset level.

Components Required

- Soldering Iron
- Soldering wire
- Zero PCB
- Resistor 220ohm*5
- White LED*5
- Transistor BC547*5
- Connecting Wire
- Battery 9v
- Battery connector

Connection Diagram



Working of project

The circuit is based on 5 transistor switches. This project makes the transistors conduct to glow LEDs one by one and indicate the level of water. The ends of probes of the water tank level indicator are connected to corresponding points in the circuit as shown in above circuit diagram.

Future Scope

The water level indicator is used in :-

- Hotels,
- Home Apartments
- Commercial Complex
- Factories.

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Project Link : https://youtu.be/CdmaZAGCVow