

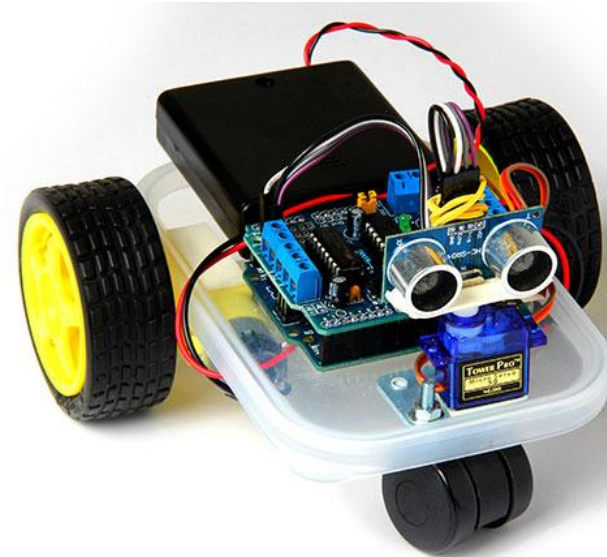


EP486 Microcontroller Applications

Topic 11

Arduino Apps:

Relay to control 220V lamp



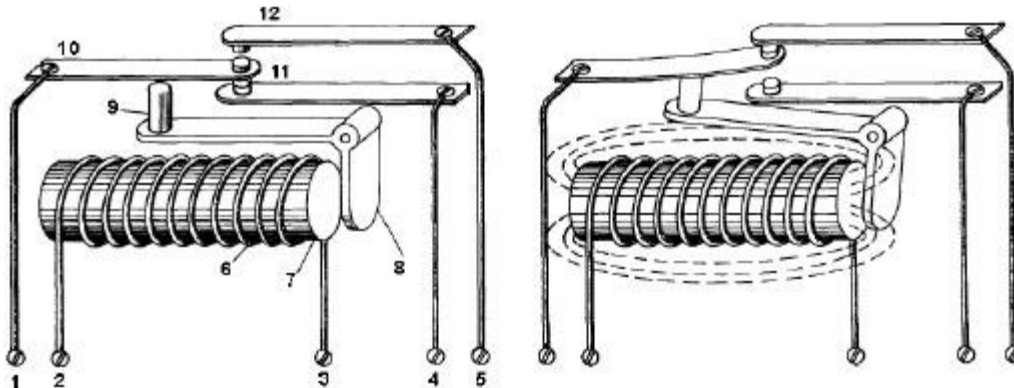
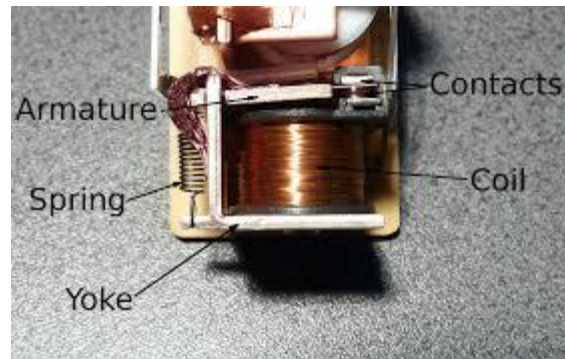
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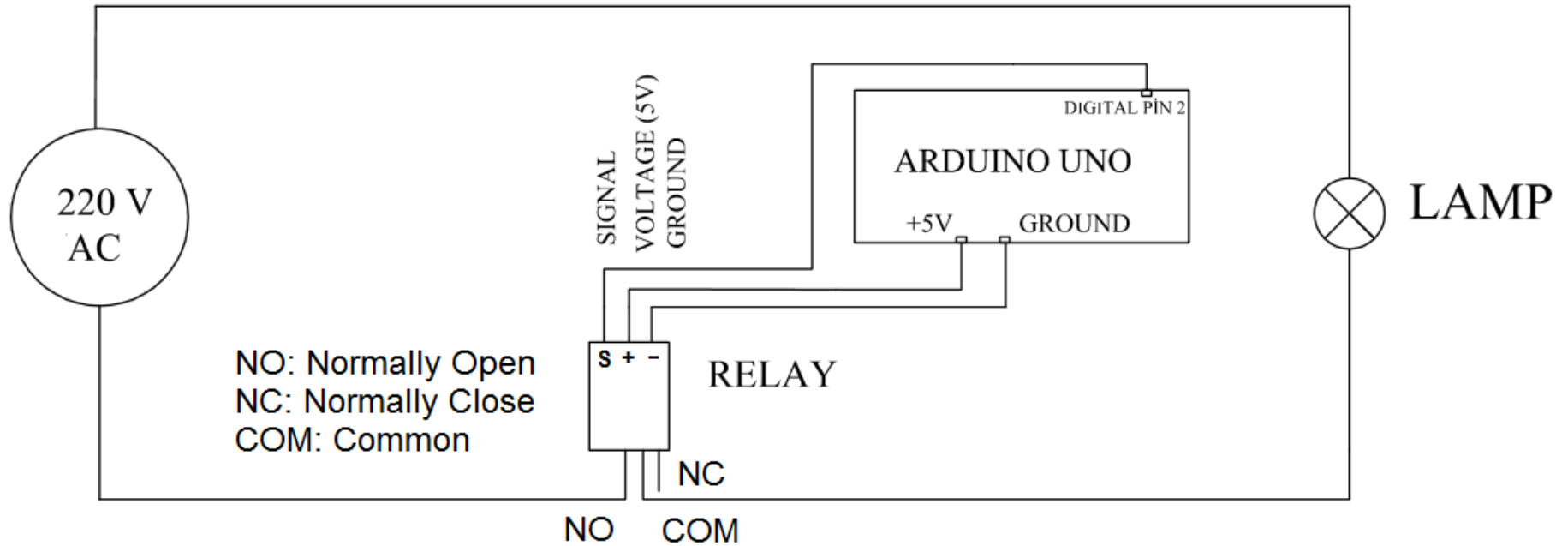
Relay

- A relay is an electrically operated switch.
- Many relays use an electromagnet to mechanically operate a switch.





Arduino & Relay



Code

```
int relay=2;

void setup() {
  pinMode(relay, OUTPUT);
}

void loop() {
  digitalWrite(relay,HIGH);
  delay(1000);
  digitalWrite(relay,LOW);
  delay(1000);
}
```