Task Week 3:
Design a circuit that can be turned on and off automatically

```
int pinButton = 8;

int Relay = 2;

int stateRelay = LOW;

int stateButton;

int previous = LOW;

long time = 0;

long debounce = 100;

int stayON = 5000;

void setup()
{
  pinMode(pinButton, INPUT);
  pinMode(Relay, OUTPUT);
}

void loop()
{
  stateButton = digitalRead(pinButton);
  if(stateButton == HIGH && previous == LOW && millis() - time > debounce) {
    if(stateRelay == HIGH){
      digitalWrite(Relay, LOW);
    }else{


       digitalWrite(Relay, HIGH);
       delay(stayON);
       digitalWrite(Relay, LOW);
    }
    time = millis();
  }
  previous == stateButton;
}
```