

```

void setup() {
  low(26);
  low(27);
  drive_setRampStep(12);
}

void loop() {
  dht22_read(humPin);
  float humidity = dht22_getHumidity();
  humidity = humidity / 10.0;
  float temp = dht22_getTemp(CELSIUS) / 10.0;
  if(temp > humThresh) {
    high(ledPin);
  } else {
    low(ledPin);
  }
  freqout(11, 1, 38000);
  irLeft = input(10);
  freqout(1, 1, 38000);
  irRight = input(2);
  if(irRight == 1 && irLeft == 1) {
    drive_rampStep(128, 128);
  } else if(irLeft == 0 && irRight == 0)
    drive_rampStep(-128, -128);
  else if(irRight == 0)
    drive_rampStep(-128, 128);
  else if(irLeft == 0)
    drive_rampStep(128, -128);
}

```