int outputpin=0;

void setup()

{ Serial.begin(9600);

}

void loop()

{ int rawvoltage=analogRead(outputpin);

float millivolts=(rawvoltage/1240.0)\*5000;

float celcius=millivolts/10;

Serial.print(celcius);

Serial.print("celcius ");

Serial.print((celcius\*9)/5 + 32);

Serial.print("in Fahrenheit ");

delay(1000);

}