```
float temp;
int tempPin =0;
float far;
float max=0;
float min=100;
void setup() {
 Serial.begin(9600);
   // put your setup code here, to run once:

}

void loop() {
temp= analogRead(tempPin) ;
temp=temp * 0.48828125;
Serial.print("TEMPERATURE IN CELCIUS=");
Serial.print(temp);
Serial.print("*C");
Serial.println();
far=(temp*(9/5))+32;
Serial.print("TEMPERATURE IN FARENHEIT=");
Serial.print(far);
Serial.print("F");
Serial.println();

if(temp>max){
  max=temp;
  Serial.print("MAXIMUM TEMPERATURE IS=");
  Serial.print(max);
  Serial.println();
}
else{
  Serial.print("MAXIMUM TEMPERATURE IS=");
  Serial.print(max);
  Serial.println();
}

if(temp<min){
  min=temp;
  Serial.print("MINIMUM TEMPERATURE IS=");
  Serial.print(min);
```

```
    Serial.println();
}
else{
  Serial.print("MINIMUM TEMPERATURE IS=");
  Serial.print(min);
  Serial.println();
}
delay(3000);
}

  // put your main code here, to run repeatedly:
```