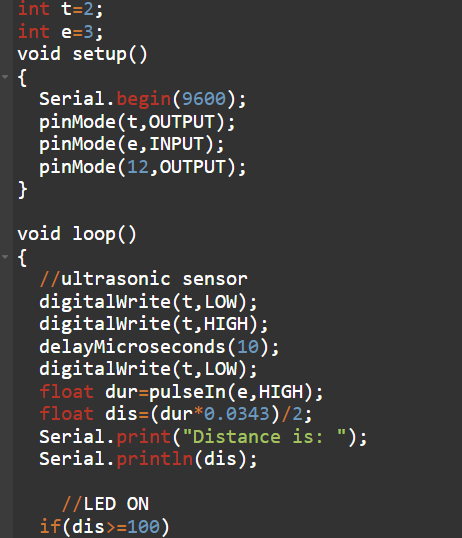
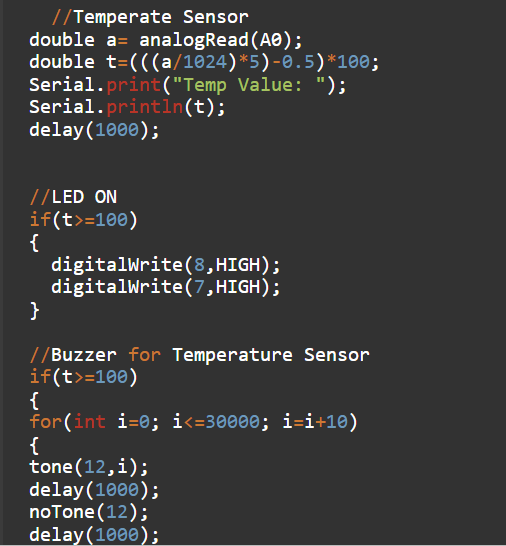
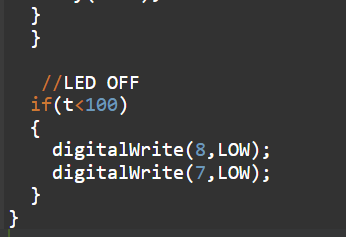
**CODE:**









OUTPUT:

