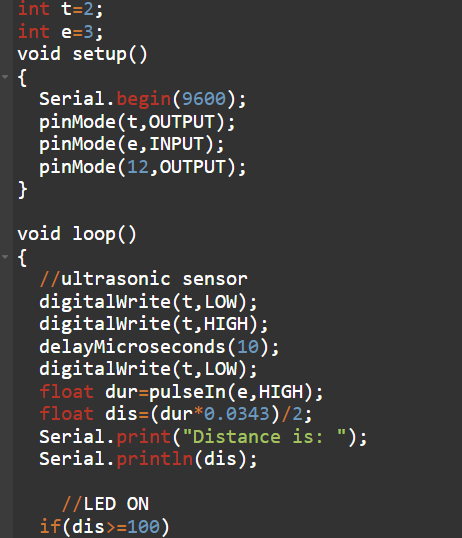
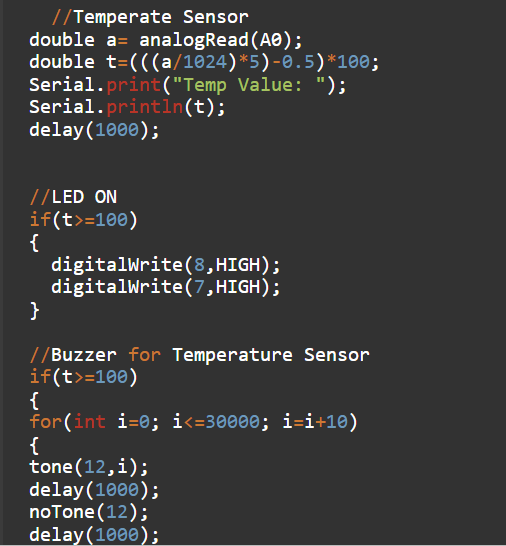
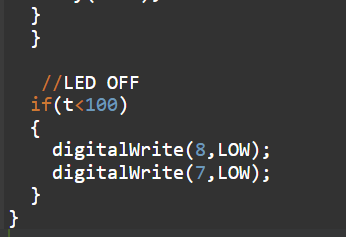
**CODE:**





OUTPUT:

