Experiment-1:

This experiment familiarises the user with digital output on the Raspberry pi pico by controlling a simple LED

Material Required:

1.Raspberry pi Pico
2.1x 220-ohm resistor
3.1x LED
4.Jumper wires
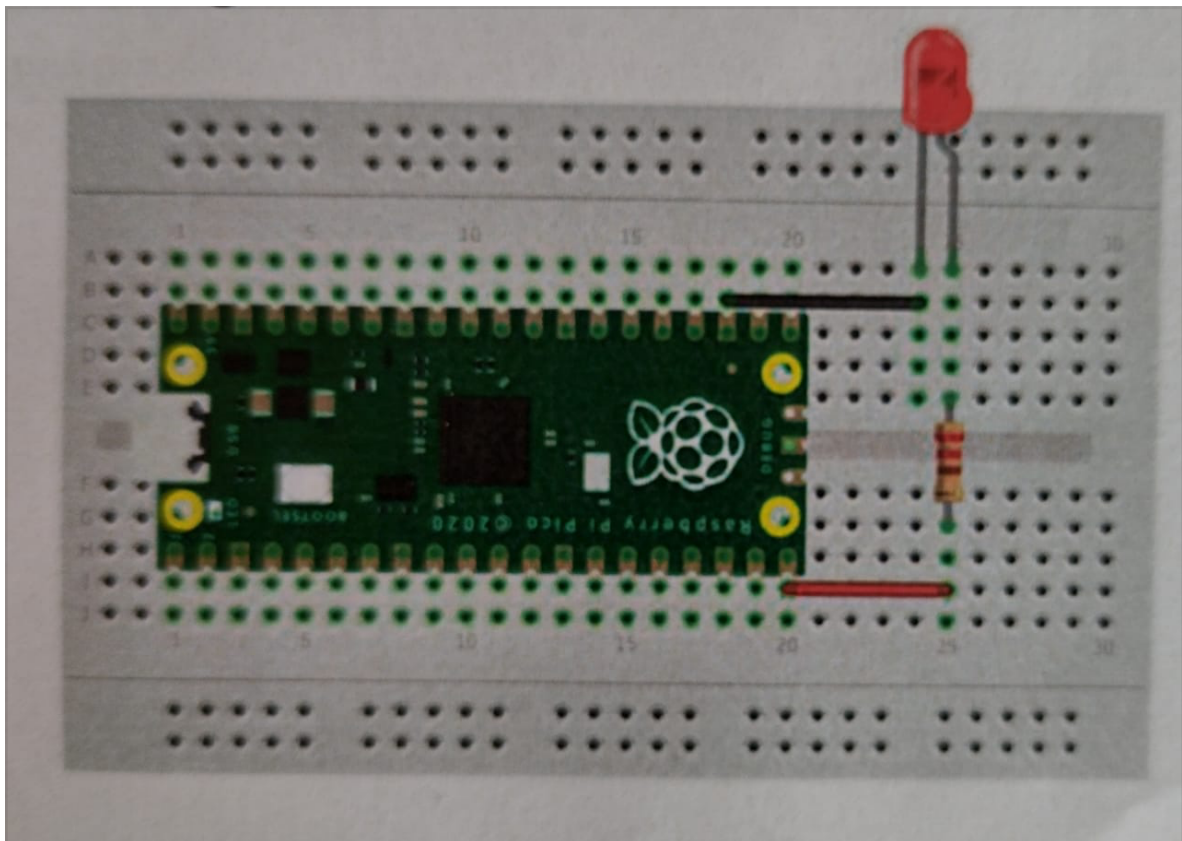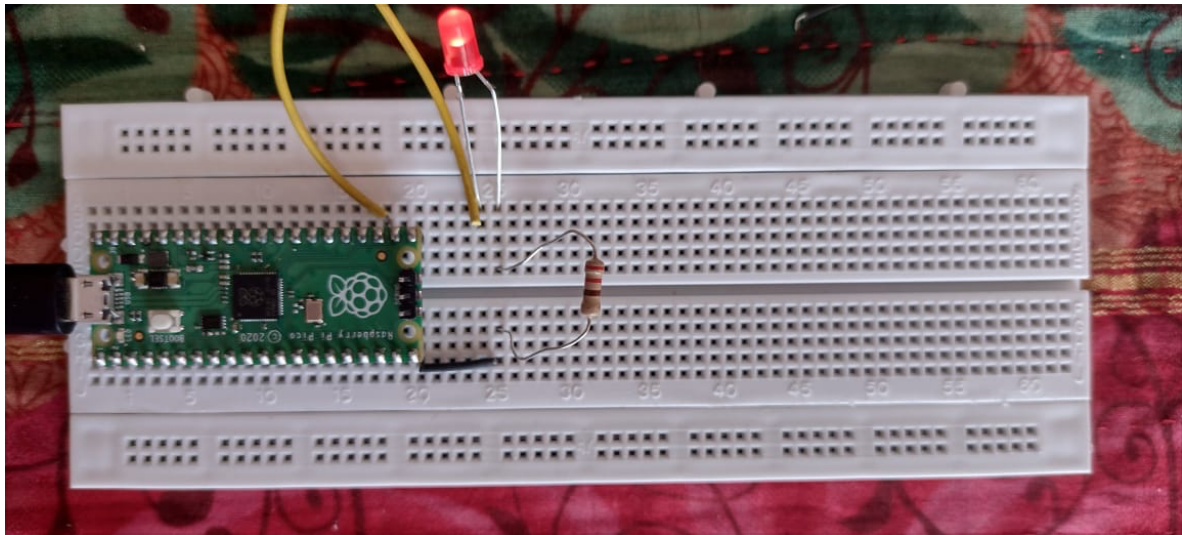
Circuit Diagram :

Diagram in real:

Procedure:

1.Connect your pico and open the Thonny IDE. For setting up MicroPython and Thonny editor with your Pico, refer to the steps given in the beginning of this document
2.IN the editor window, type in the program given above .
3.setup the circuit as shown in the circuit diagram above .
4.Click on the green run button or F5. if prompted to save select Pico as the save destination and save the program as name.py
5.you can see the Led blinking