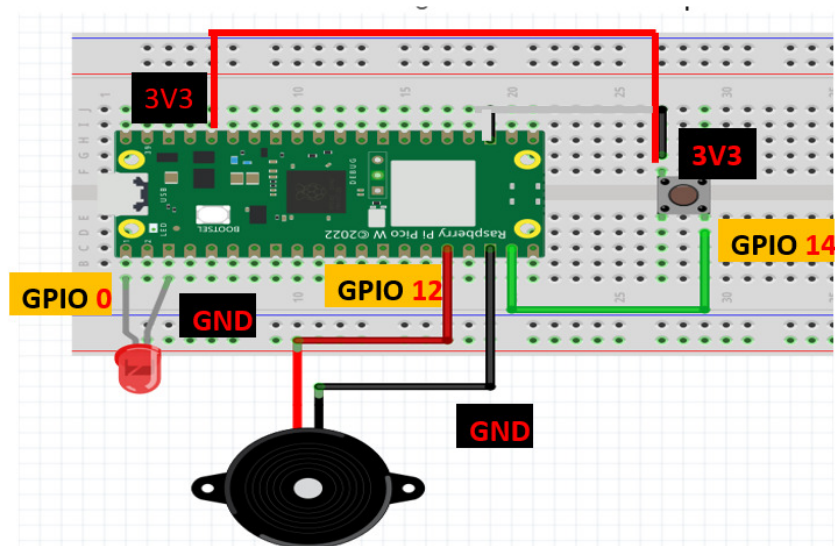


To enable the Pico to run UNTETHERED to the computer



```
from machine import Pin
led=Pin(0,Pin.OUT)
button = Pin(14,Pin.IN, Pin.PULL_DOWN)
buzzer=Pin(12,Pin.OUT)
while True:
    if button.value() == 1:
        led.on()
        buzzer.on()
    else:
        led.off()
        buzzer.off()
```

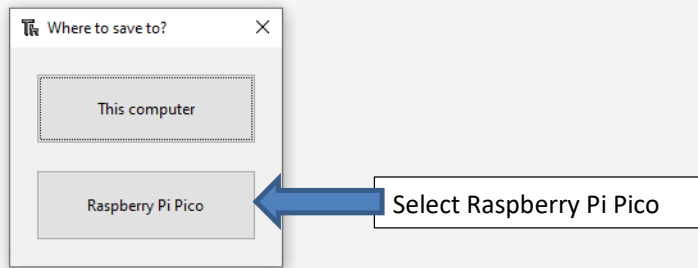
After we have confirmed that the circuit and codes are working according to what we want, we can make the Pico run on its own using an external power source:

1. A wall socket with a USB charger
2. A power bank
3. Solar Panel

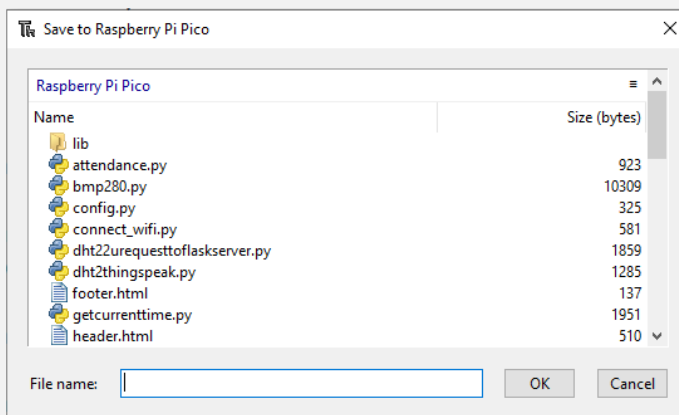


Assuming that the circuit and the codes above are now working correctly, this is what we have to do.

On the Thonny IDE where this program is found, click File -> Save As. You will see this pop up asking you where to save program to?



You will see this screen asking you for a filename



Enter main.py in the Filename textbox. And Click OK

main.py is the program the Pico will run when it starts up.

After main.py is saved to the Pico, untether it from the computer.

Connect the Pico to a Power Bank.

The Pico should run automatically and you can control the LED and buzzer using the button.

The next time you plug this Pico to your computer, main.py will also

Run automatically.

To stop the main.py from running, click the STOP icon, or type CTRL – C