Please complete the following project in preparation for our next meeting.

- I will be showing you how to get internet time without a real time clock module like the DS1302. Using urequests.get("http://date.jsontest.com")
- Vipe will be showing us how to set up a Telegram chatbot for us to send alerts from the Pico to Telegram

Pre-requisite: You need to be familiar with these codes to follow along.

1. **Know how to connect the Pico to Wifi**. Check out this snippet on your Pico

```
#Library
import network

#Setup
wlan = network.WLAN(network.STA_IF)
wlan.active(True)

#Your wifi connection credentials here
ssid = "SSID"
password = "Password"

wlan.connect(ssid, password)
while True:

    if wlan.isconnected():
        break


print("Wifi Connected" , wlan.ifconfig())
#wlan.ifconfig() -->> ('192.168.10.115', '255.255.255.0', '192.168.10.1', '192.168.10.1')
print(wlan.ifconfig()[0])
#wlan.ifconfig()[0] will give you your Pico's IP address on the network
```

2. **Display Information on the SSD1306**

   Refer to this document in github 001 . WIRING UP SSD1306

3. **Use time.localtime() and display date, time and day of week on SSD1306**

```
import time
time_now=time.localtime()

print(time_now)
#time_now will give you a tuple like this (2023, 1, 14, 20, 17, 27, 5, 14)
yr = time_now[0]
print(yr)
#2022
hr = time_now[3]
minute = time_now[4]
print(str(hr) + ":" + str(minute))
#20:42 (your time would be different)

```

   Refer to this document in github 002 . Getting date and time from the Pico that is attached to your computer