

プロトタイピング基礎A 2回目課題の模範解答

無断転載を禁ず



EDGE
PROGRAM

文部科学省
グローバルアントレプレナー
育成促進事業

Ministry of Education, Culture, Sports,
Science and Technology
Enhancing Development of Global Entrepreneur Program

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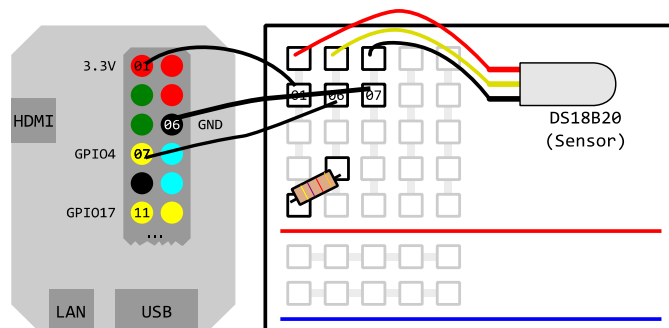
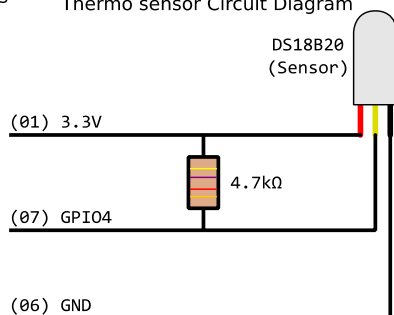
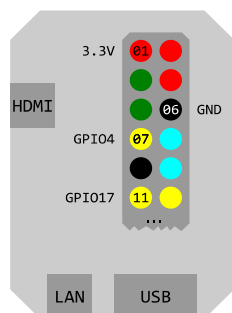
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プロトタイピング基礎

回路図

Raspberry Pi Pin Locations

Thermo sensor Circuit Diagram



ソースコード

```
from w1thermsensor import W1ThermSensor
import tweepy
import datetime
import time

sensor = W1ThermSensor()
consumer_key="xxxxxxxxxxxxxxxxxxxxx"
consumer_secret="xxxxxxxxxxxxxxxxxxxxx"
access_token="xxxxxxxxxxxxxxxxxxxxx"
access_token_secret="xxxxxxxxxxxxxxxxxxxxx"
auth = tweepy.OAuthHandler(consumer_key, consumer_secret)
auth.secure = True
auth.set_access_token(access_token, access_token_secret)
api = tweepy.API(auth)

while(True):
    celsius = sensor.get_temperature()
    now = datetime.datetime.now()
    api.update_status(status="Time: {0}:{1}:{2}, Temperature: {3} degrees celsius"
        .format(now.hour, now.minute, now.second, celsius))
    time.sleep(15)
```