

User Guide for Tokyo Metro App

Features

Tokyo Metro App is an application that allows you to make your traveling on Tokyo Metro smoother and more convenient. It includes a full and interactive map of the Tokyo Metro plus a handy route planner for users.

1. See how long a journey will take, how many stations you will pass through and where you need to transfer.
2. Route planner will calculate the best route for your journey the fastest route.
3. Search for any station in Tokyo Metro or enter your current location and your destination
4. Just with simple operation, you can quickly access your desired information

Installation

If you wanted to run the python file,

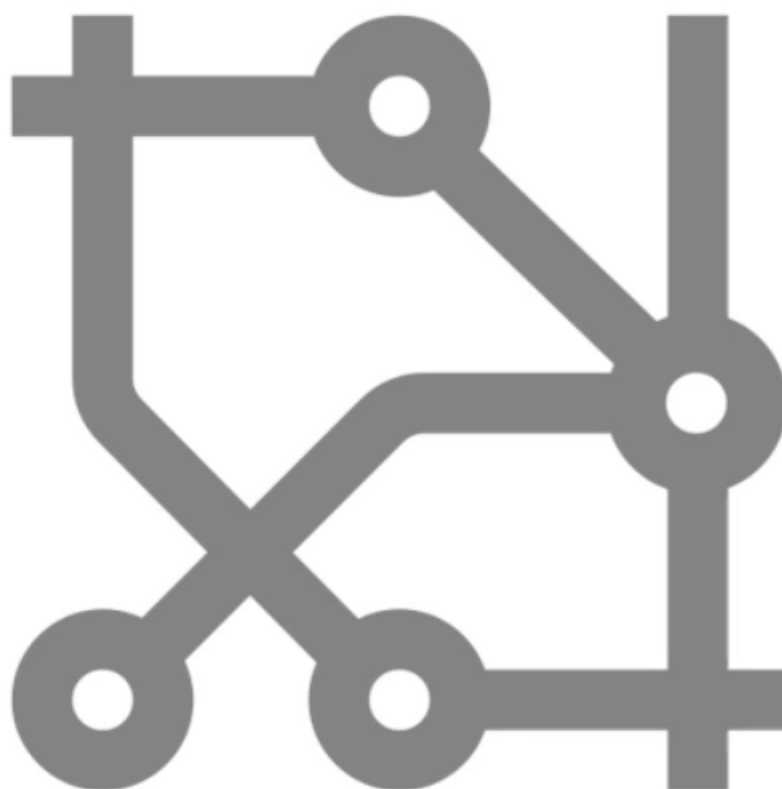
- You need a python3 environment and FireFox
- you need to install the following modules:
 - opencv
 - pillow
 - selenium
 - request
 - googlemaps
 - haversine
 - osmium
 - beautifulsoup4
 - gmplot
 - ttkthemes

Notice :

We can't ensure that our code(mac version) can run without any error!

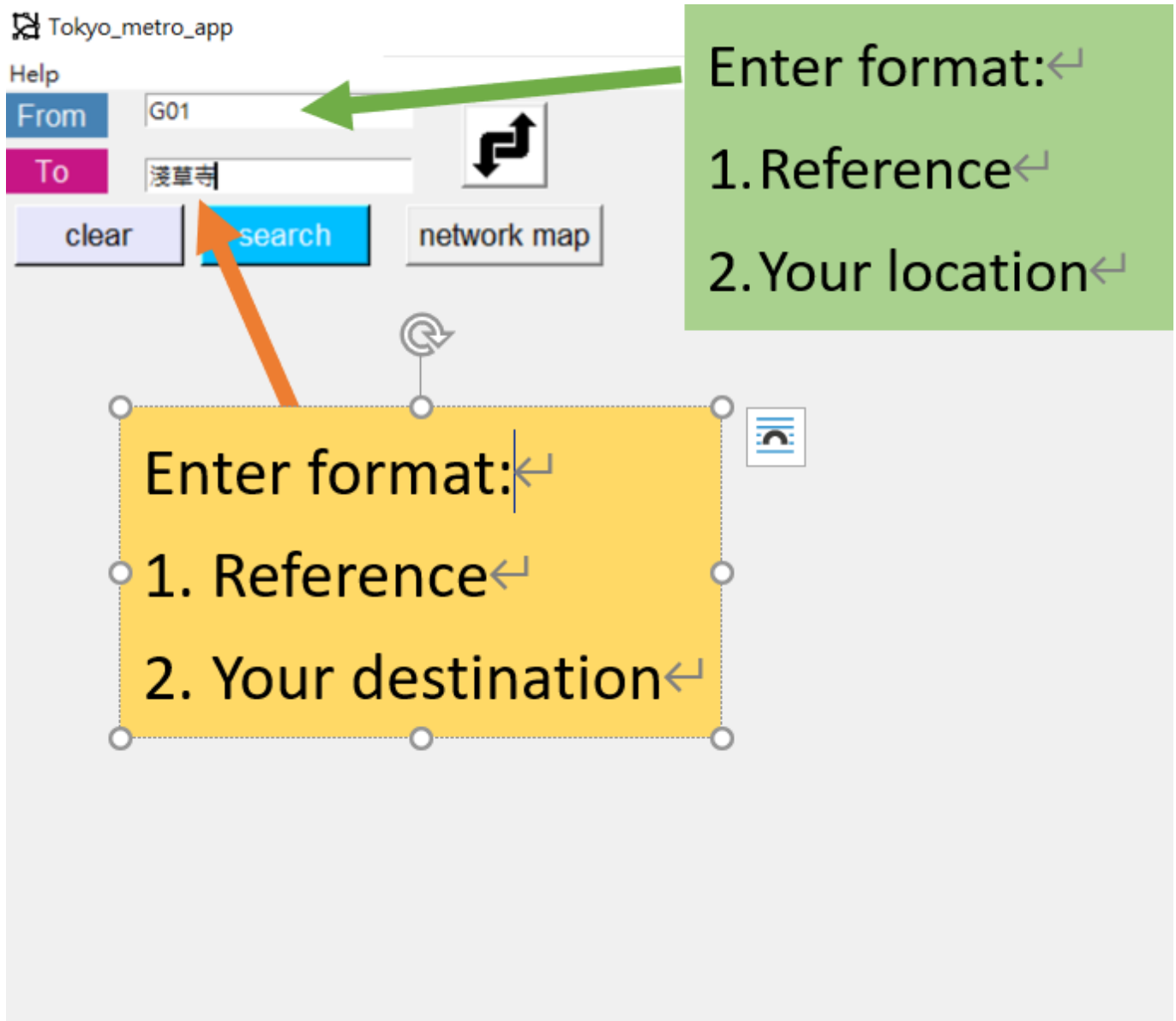
We don't support line "Mb", so you shouldn't enter the location which is near line "Mb"!

Guides



Tokyo Metro

powered by 莊承霖 江浩瑋 莊明翰



Example:

Tokyo_metro_app

Help

From

Z01

To

浅草寺

clear

search

network map

From

Z01

14:57

25 min

To

G19

15:22

Transfers: 1

From

浅草駅

15:22

2 min

To

浅草寺

15:24

Z01

Hanzōmon Line

Z03

Walk to G04 plat

G04

Circa Line

Tell you how to go from metro station to your destination

Tokyo_metro_app

From 浅草駅 to 浅草寺

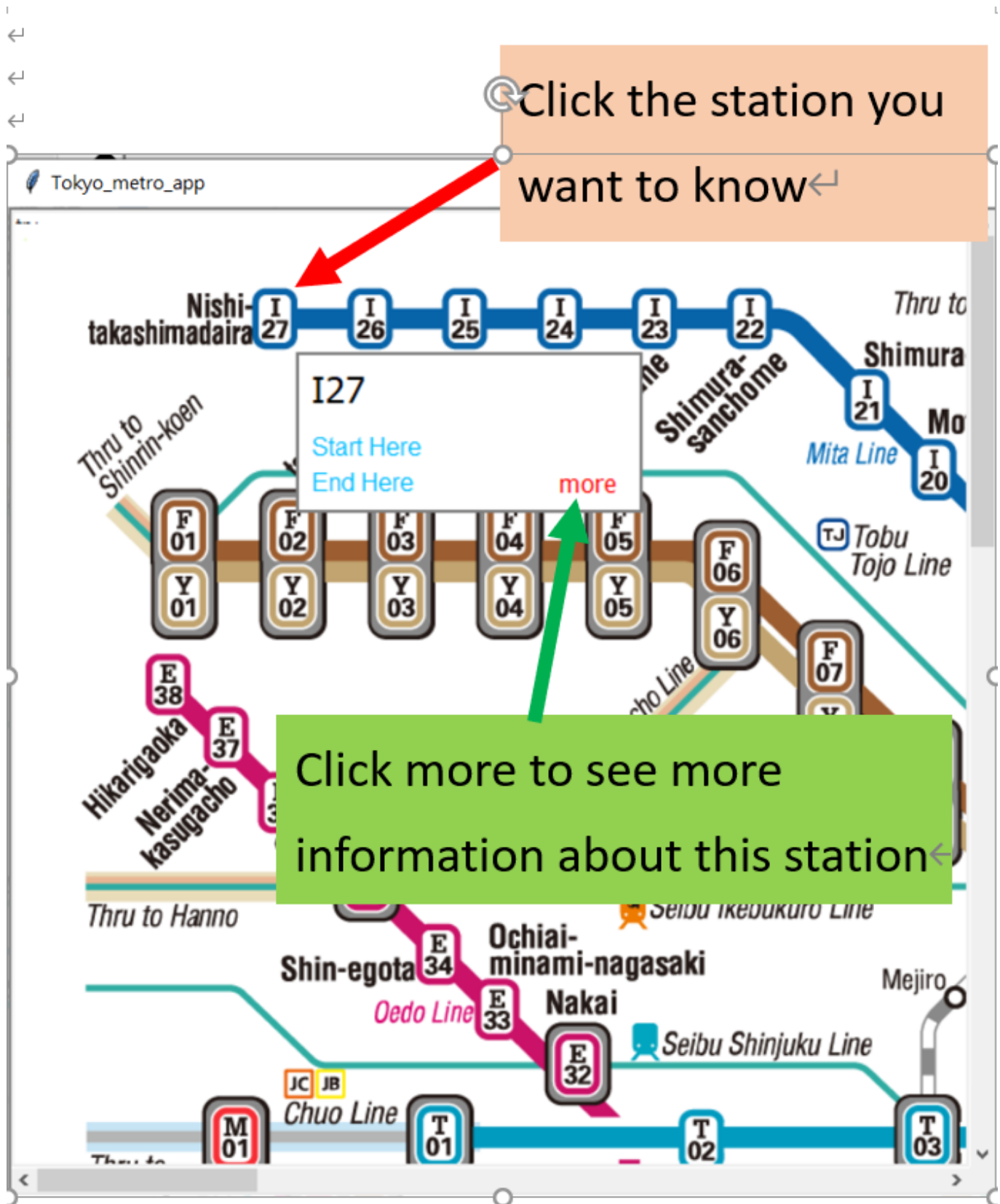
step 1

往西南朝雷門通り前進走11 公尺約1 分鐘

step 2

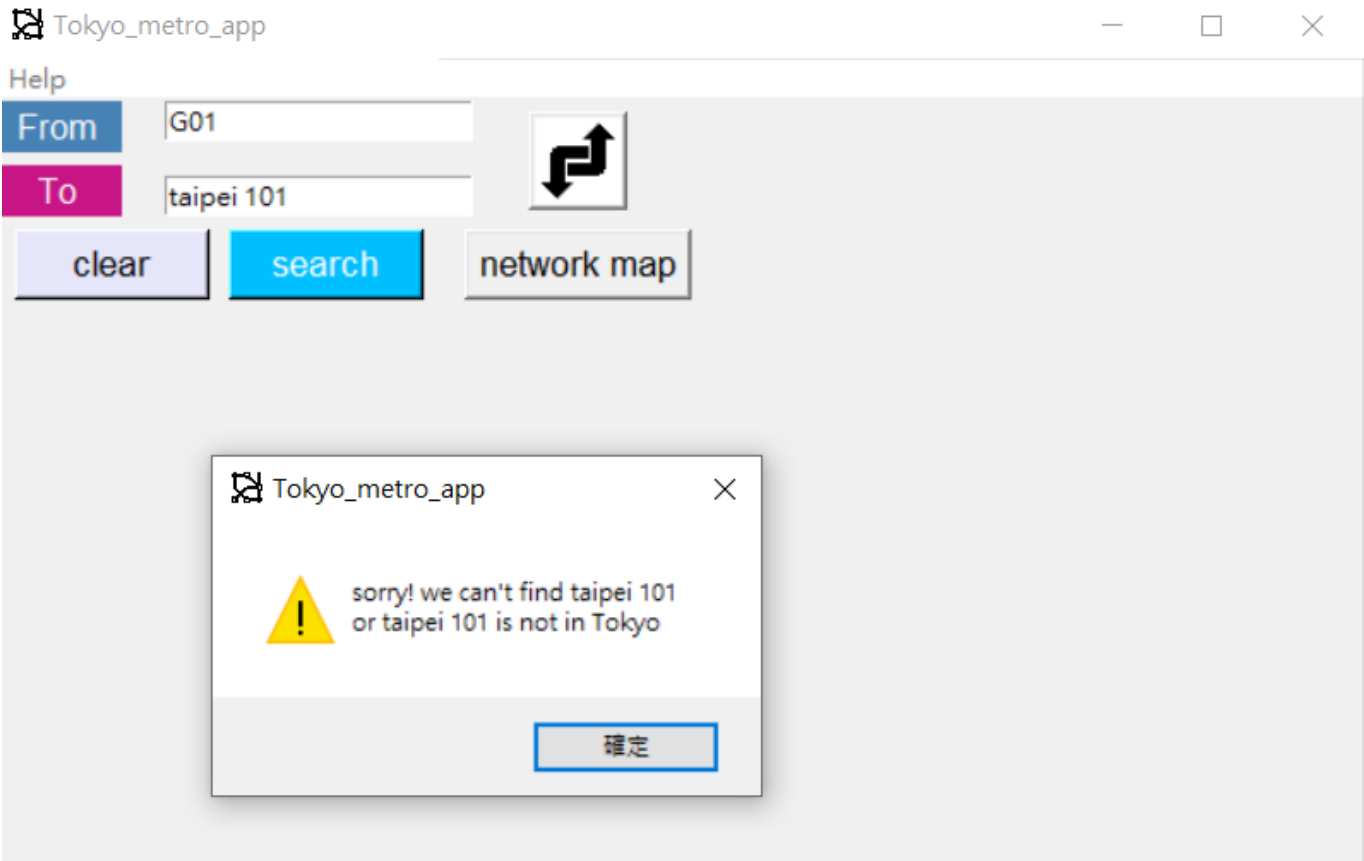
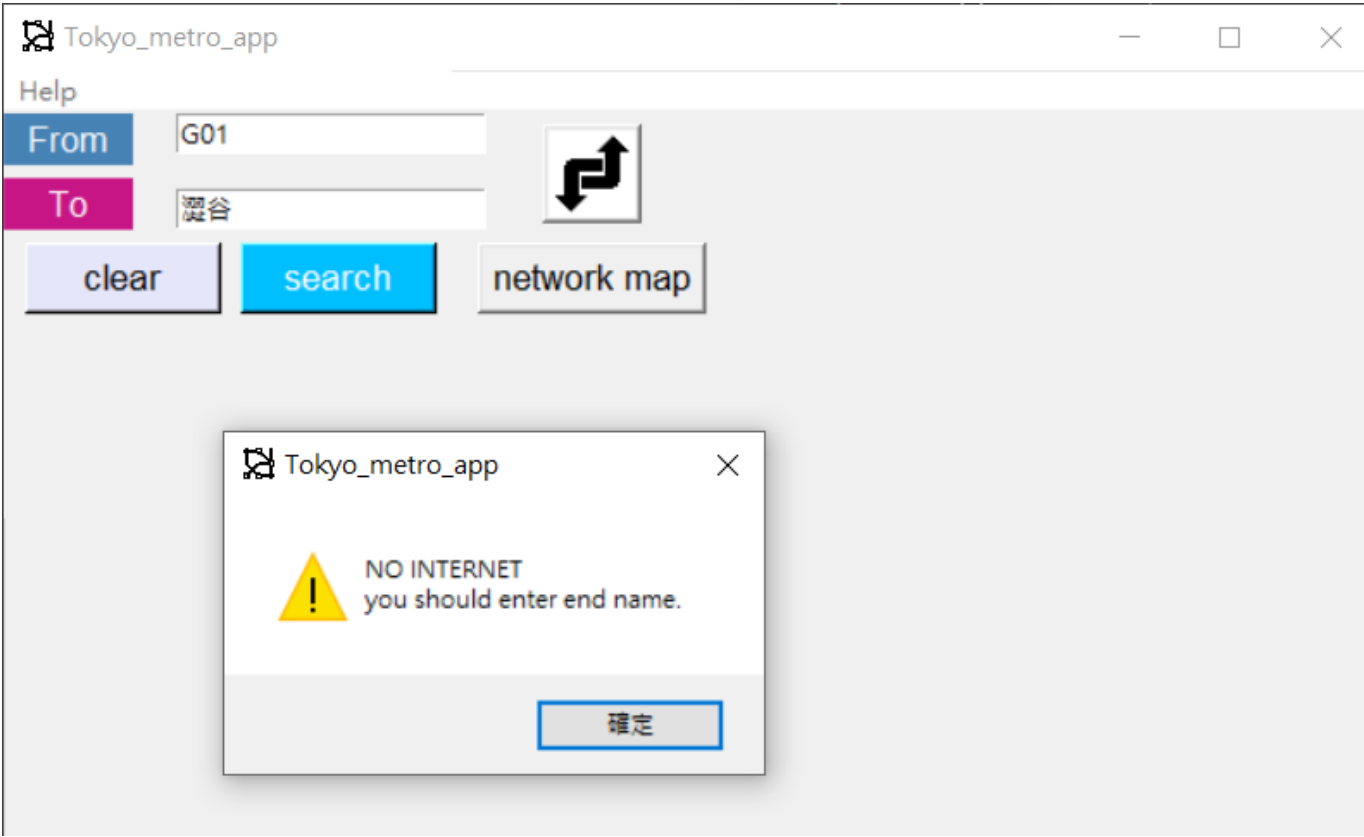
在雷門（交差点）處，向左轉，上雷門通り經過ファミリーマート 浅草雷門前店(位於左手邊 57 公尺)走87 公尺約1 分鐘

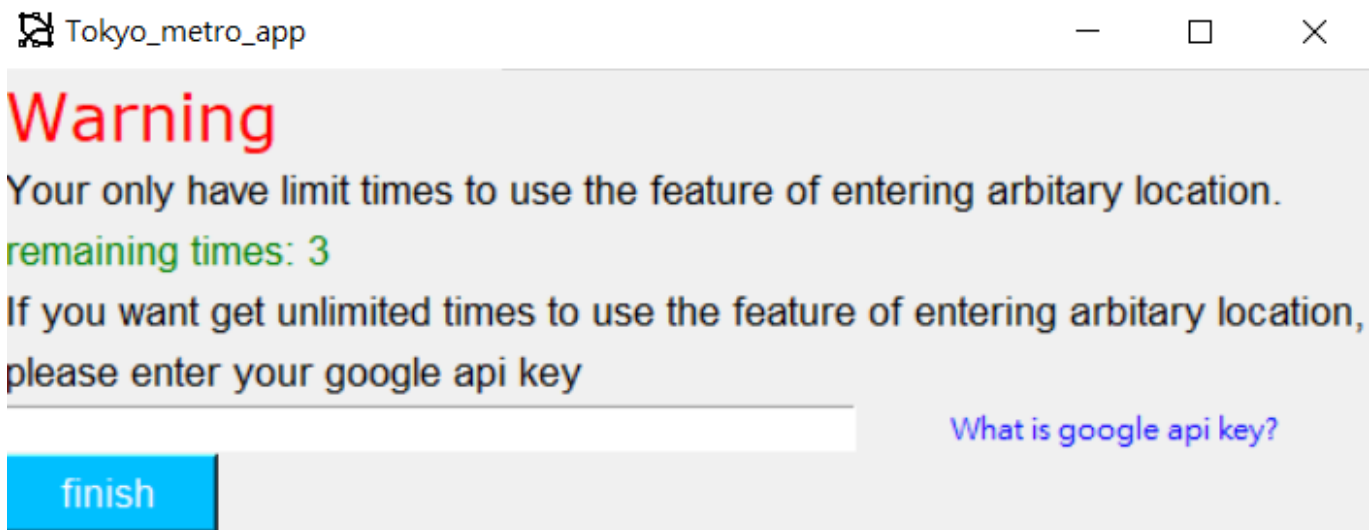
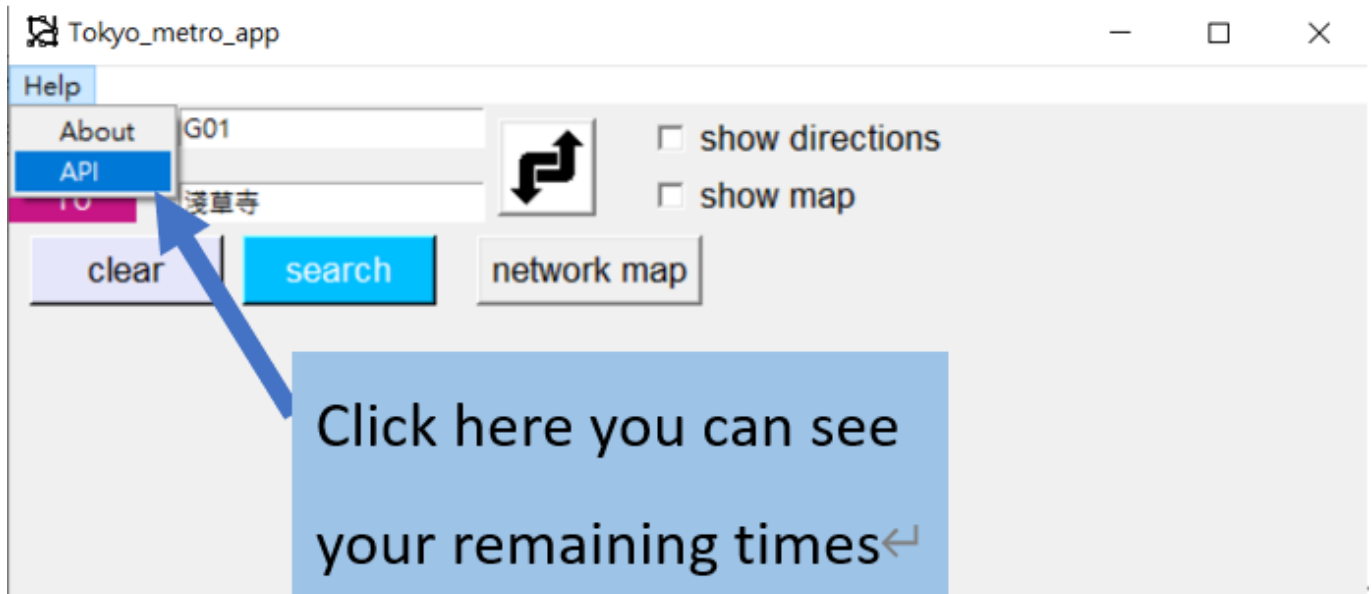
Network map:



Notice

1. If you want to enter your location or your destination, your computer need to connect to the Internet
2. Your location or your destination must be in Tokyo.
3. You need to enter your own google API key, otherwise; you can only get limited times to use the feature of entering arbitrary location.





You can also see the map of your location to nearest station if you check the "show map" box

Tokyo_metro_app

Help

From

澁谷 無印良品旗艦店

To

浅草寺

clear

search

network map

show directions

show map

From

澁谷 無印良品旗艦店

20:54

5 min

To

渋谷駅

20:59

From

Z01

20:59

25 min

To

G19

21:24

Transfers: 1

From

浅草駅

21:24

2 min

To

浅草寺

21:26

Z01

Hanzōmon Line

3min

Z03

Walk to G04 platform

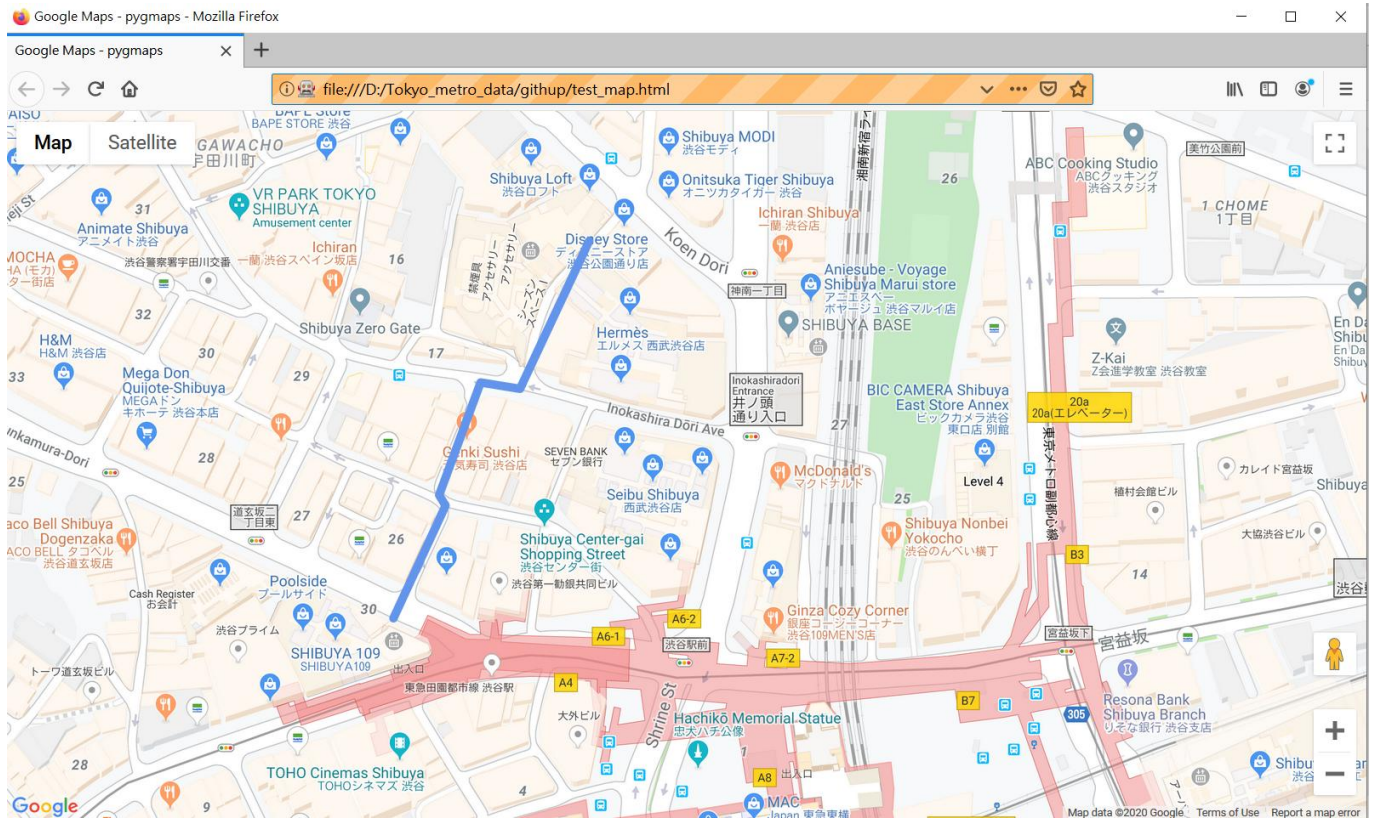
2min

G04

Ginza Line

10 min

8 / 9



Tokyo_metro_app

From 渋谷 無印良品旗艦店 to the nearest station 渋谷駅

step 1 往西南走間坂走74 公尺約1 分鐘

step 2 於井の頭通り向右轉經過西武渋谷店 Loft館(位於右手邊)走23 公尺約1 分鐘

step 3 經過カラオケ ビッグエコー渋谷店 (位於左側) 後向左轉走58 公尺約1 分鐘

step 4 經過三平酒寮 渋谷店 (位於左側) 後向左轉走8 公尺約1 分鐘

step 5 在三平酒寮 渋谷店處右轉經過アスビー 渋谷センター街店(位於左手邊)目的地在左邊走57 公尺約1 分鐘