

PYTHON CODE:

```
from oauth2client.service_account import ServiceAccountCredentials
import gspread
import requests
import io
import datetime
import pytz

#Reading Google sheets credential and authorizing it
VAR=variables['JSON']

scope = ['https://www.googleapis.com/auth/drive']
cred=ServiceAccountCredentials.from_json_keyfile_dict(VAR,scope)
client = gspread.authorize(cred)
sheet = client.open('Append_Daily').sheet1

#Reading my github status (can be used for other websites as well) and writing it on Google Sheet

req= requests.get('https://github.com/rishikesanr')

info = req.status_code

if (info<299):
    status="Responsive"
elif (info>=400):
    status="Client error"
else:
    status="Redirecting"

#Changing Timezone
dtime=datetime.datetime.now(tz=pytz.UTC)

dtime_ind=dtime.astimezone(pytz.timezone('Asia/Kolkata'))
date_time=dtime_ind.strftime("%d-%m-%y / %H:%M:%S")

print("Time:",date_time,"\nStatus:",status)

#####
#Appending in google sheet

row=[date_time,status]
sheet.append_row(row)

print("THE END")
```

SCOPE OF PYTHON SCRIPT:

This python script reads the status of my github repo and appends the same in my Google spreadsheet every day at 9 pm without any manual interruption. The code has been uploaded in WayScript platform to initiate automatic trigger runs at 9 pm every day.

PROOF OF RUNNING:

IMAGE 1

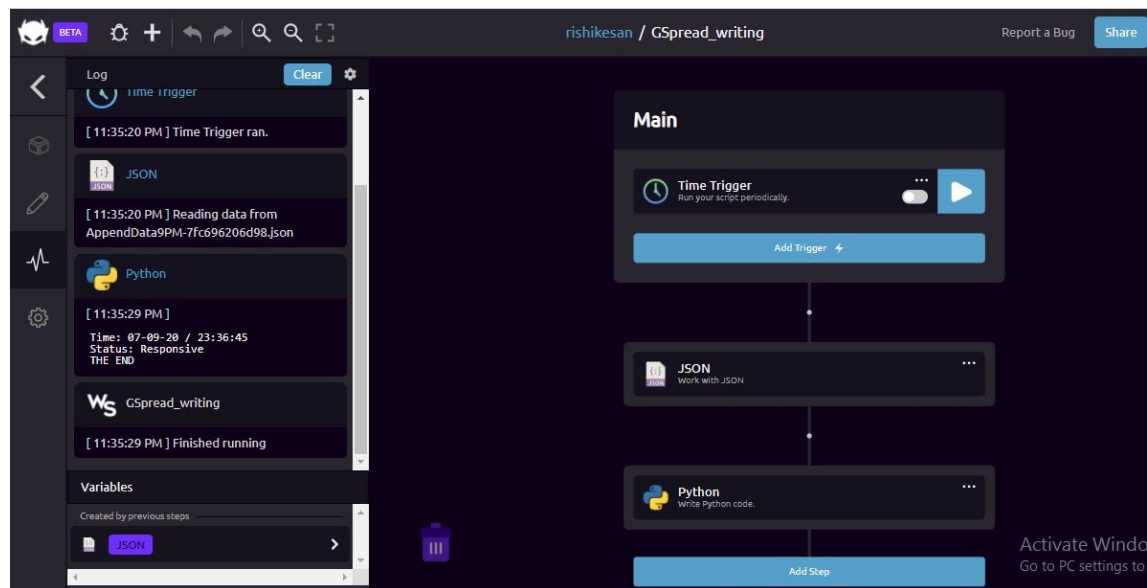


Fig.1 Successful running of code in WayScript

IMAGE 2:

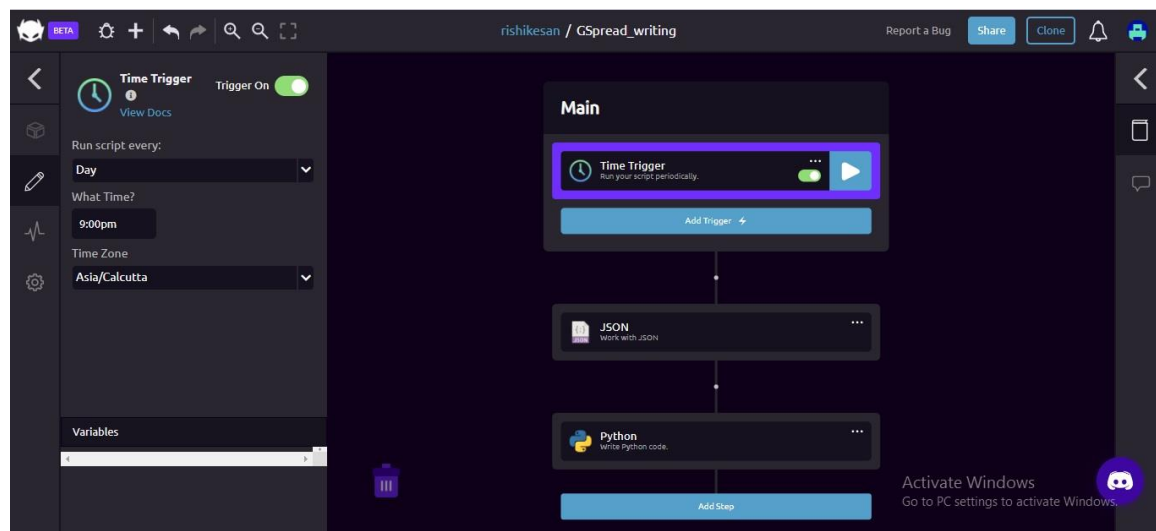


Fig.2 Daily trigger activation

IMAGE 3:

Append_Daily

File Edit View Insert Format Data Tools Add-ons Help

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	A	B	C	D	E	F	G	H	I	J	K	L
1	Date/Time	Status										
2	06-09-20 21:00:11	Responsive										
3	07-09-20 21:00:09	Responsive										
4												
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Activate Windows
Go to PC settings to activate Windows.

Fig.3 Automatic data appending in Google Spreadsheet

IMAGE 4:

ce Docs Learn

GSpread_writing

Date Created: Sep 07, 2020 at 06:39 pm
Clones: 1
Last Edited: Sep 07, 2020 at

Last Run: Sep 07, 2020 at 11:36 pm
Next Run: Sep 08, 2020 at 09:00 pm

Sharing: Private
View Count: 0

Fig.4 Schedule of next run

ADDITIONAL FACILITIES:

WayScript platforms also offers to interact with Google spreadsheets without explicitly writing in python script.

IMAGE 5:

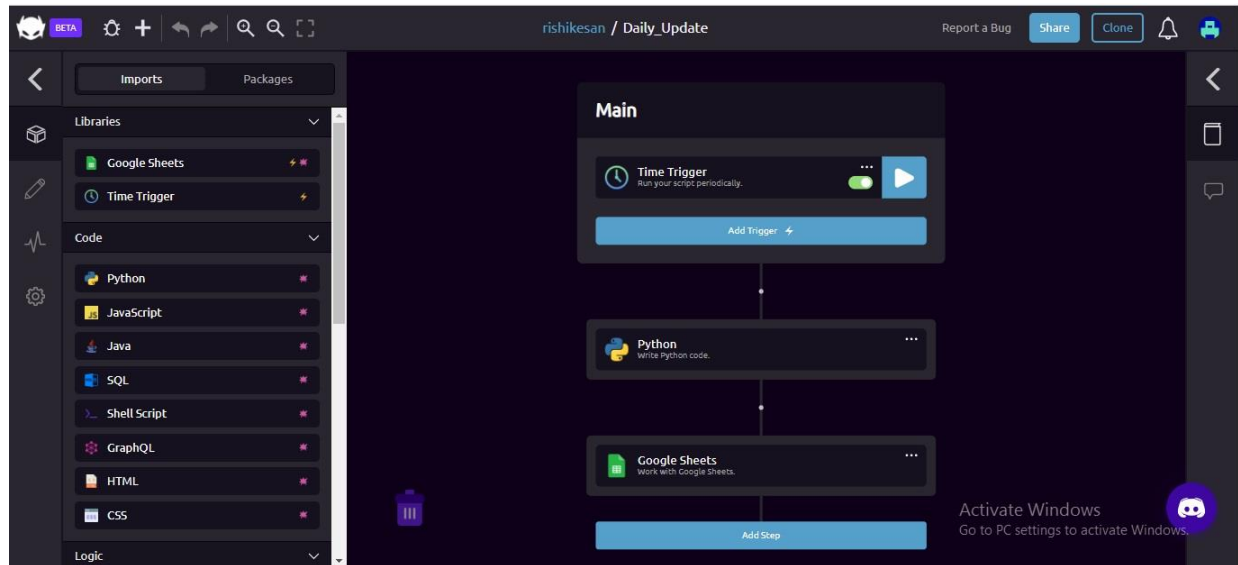


Fig.5 Workflow of data appending in Google Spreadsheet

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