How to setup the COTP script with IFTTT to receive mobile notifications for FREE
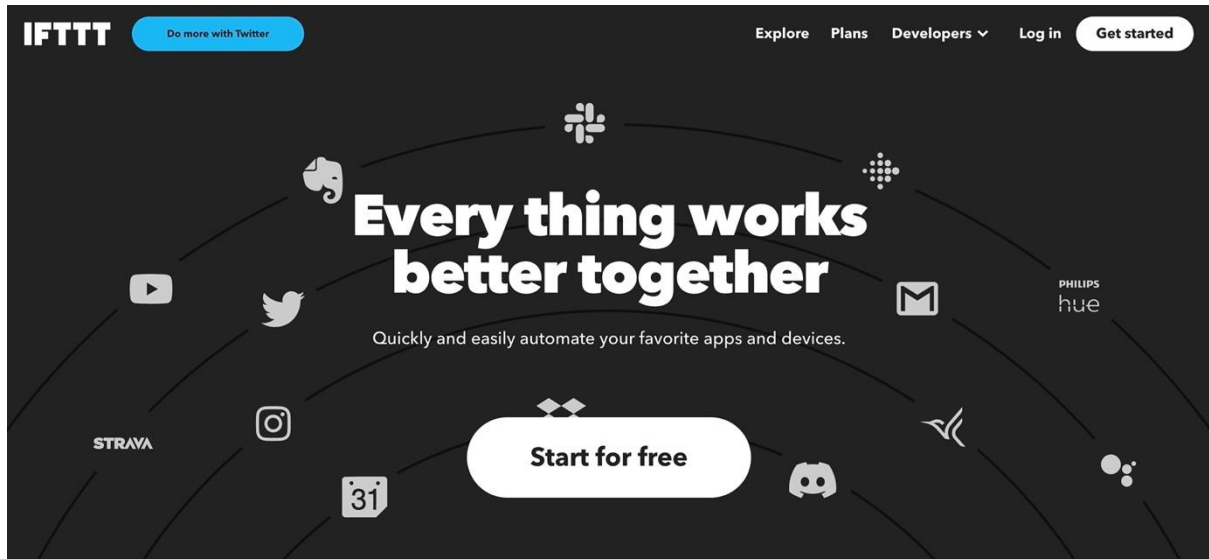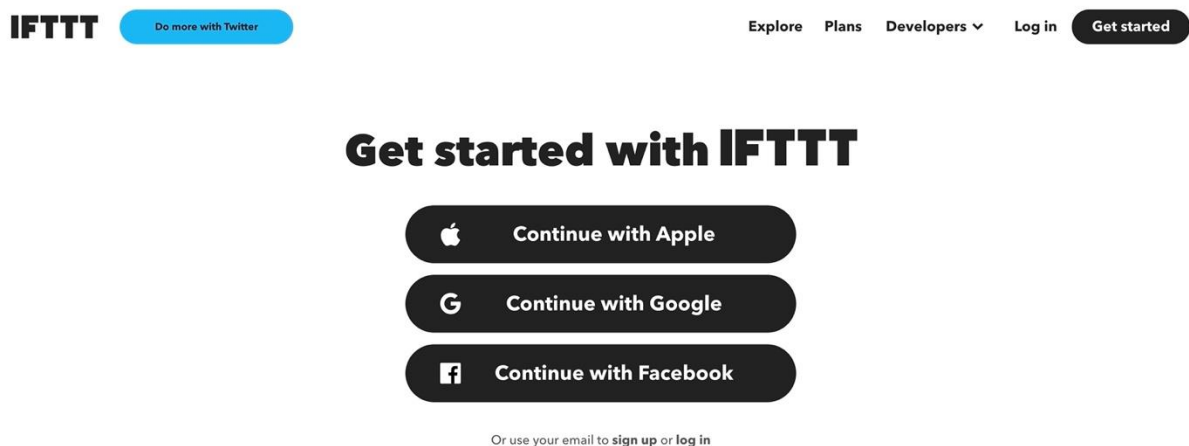
Step 1: Open a browser and navigate to https://ifttt.com/

Step 2: Create a free IFTTT account
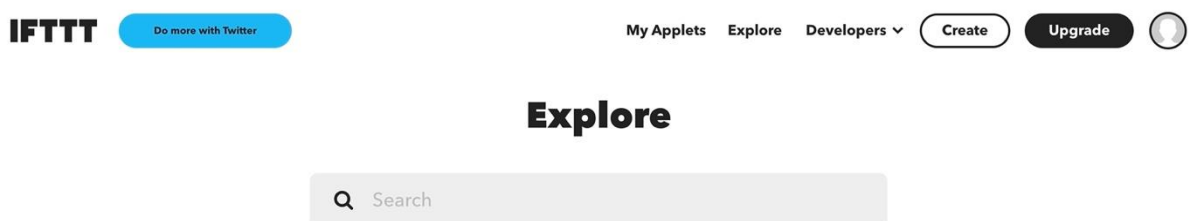   a.   Click on "Start for free" or the "Get started" on top right.

   b.   Use your preferred sign-up option to create your account.

   c.   Once the account has been created, make sure you are logged in to your IFTTT account, before you move to the next step.

Step 3: Let's create your first applet!
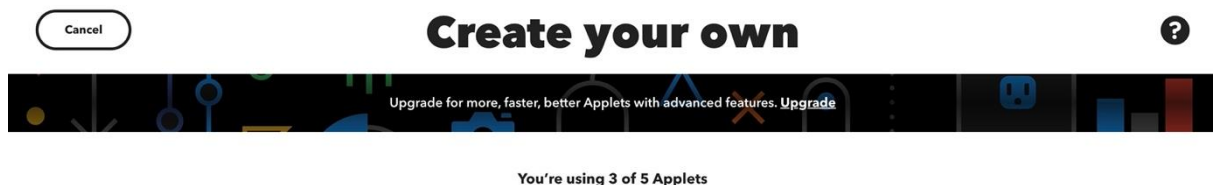   a.   On the top navigation menu, select "My Applets".

b. In this page you will be able to see all your applets. If you have just created a new account, you probably won't have any applets. You can create up to 5 applets for free. We will just need 3 applets for the COTP script (it is possible to create just 1 generic applet but you will have to modify the COTP script accordingly). In this tutorial we will stick to the KISS principle, which stands for Keep It Simple, Stupid.

IFTTT   Do more with Twitter   My Applets   Explore   Developers ⌄   Create   Upgrade
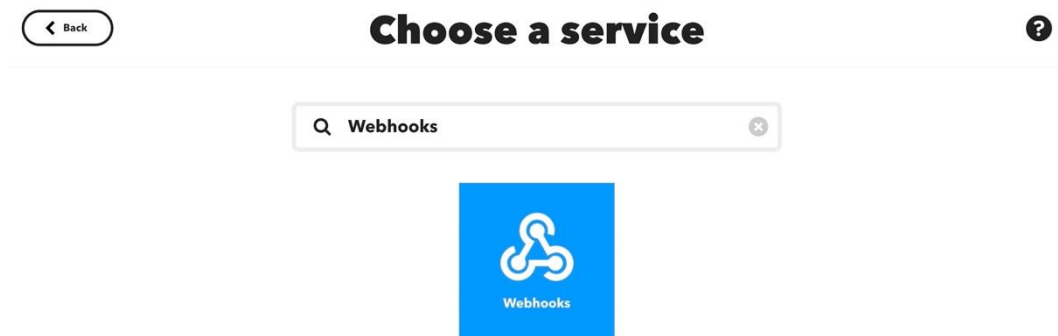
My Applets

Q Filter

c. Click on the "Create" button on the top right of the page.
d. You should see the "IF This Then That" (IFTTT) statement, which, based on an event ("If This" section), can execute an action ("Then That" section).

Cancel   # Create your own   ?

Upgrade for more, faster, better Applets with advanced features. **Upgrade**

You're using 3 of 5 Applets

If This   Add

Then That

e. Click on the "Add" button, in the "If This" section.
f. You will see a big list of available options that might look intimidating at first, but don't worry as we will just need only one of them.

‹ Back   # Choose a service   ?

Q Search services

job #epicjobs	abode	AC Cloud Control	acer Acer Air Monitor	ACLU ACLU
Active Sleep	Adafruit	ERIA AduroSmart	Aerial Technologies	Agile Octopus

g. In the search bar, type "Webhooks" and only one option will show up.

h. Once you click on "Webhooks", you will get 2 options to choose from, web request and web request with json.
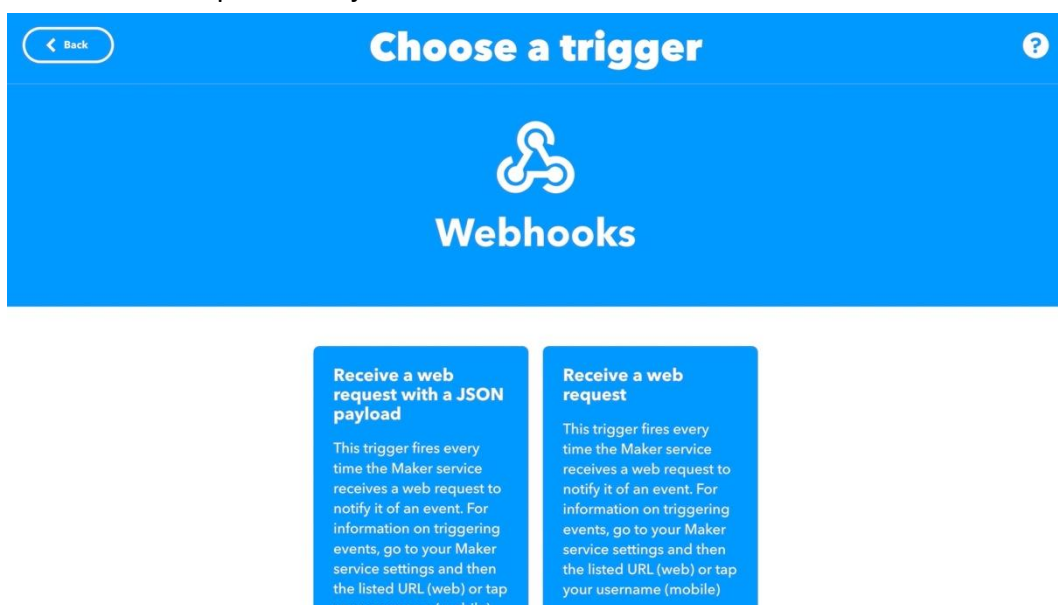

i. To keep it simple, we will use the "Receive a web request" option.
j. Next, we have to give a name to our trigger, let's name it "COTP__SUCCESS" and select the "Create trigger" button.
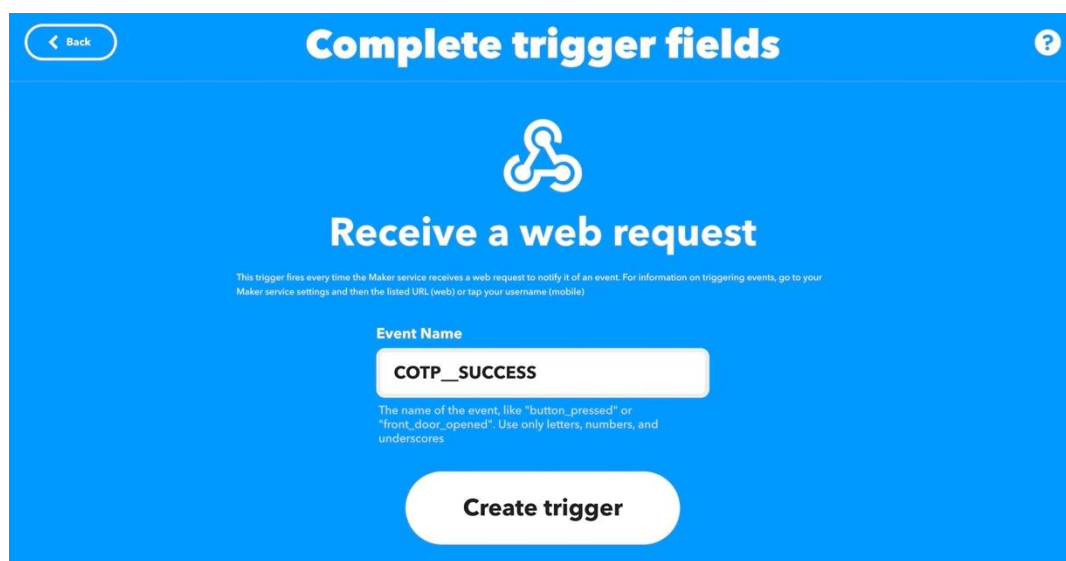
k. The trigger has been created, so now it is time to define what happens when the applet receives a web request. To do that, select "Add" in the "Then That" section.


l. Once again, we have a lot of services to choose from. Our goal, is to receive a notification on our mobile phone.
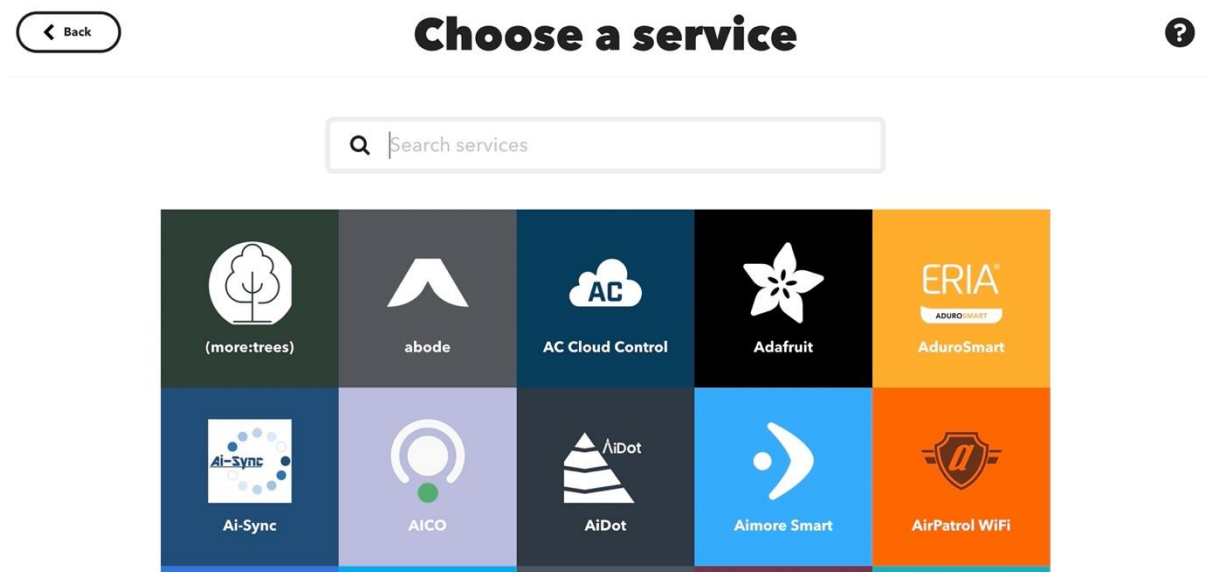

m. Type "Notification" in the search bar and 2 options will come up. For this tutorial, you should use the left one (Notifications).
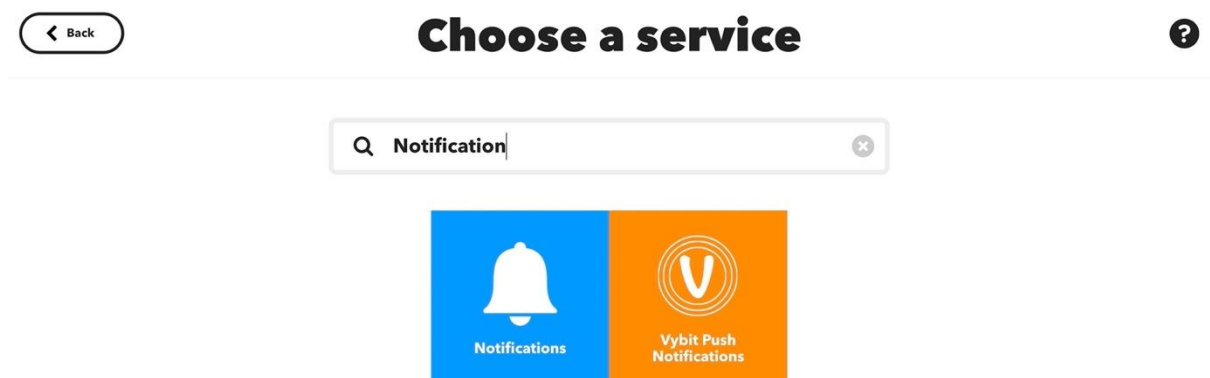
n. This service provides 2 options for the notifications. We will use the 2nd option (Send a rich notification from the IFTTT app), because we want more control over the notification that will be sent to our mobile phone.
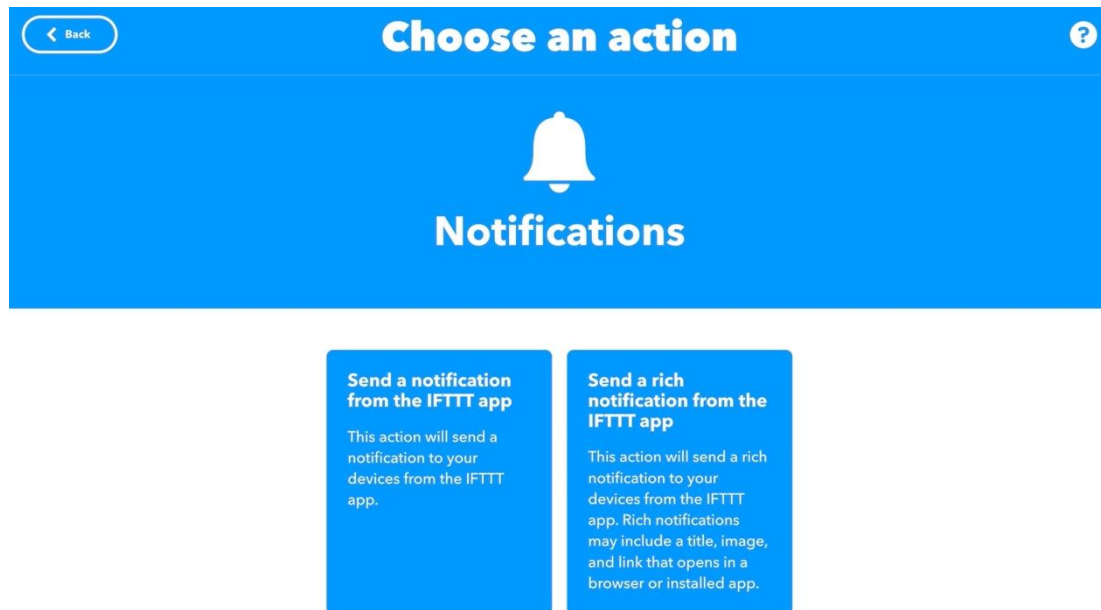
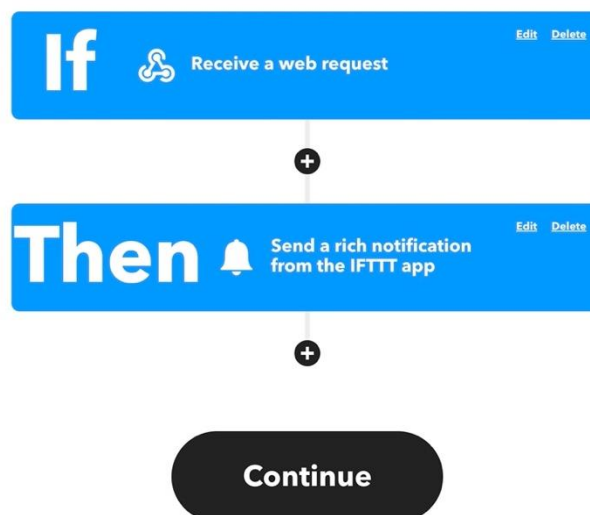o. This is a tricky part, but with this tutorial it should be like a piece of cake.
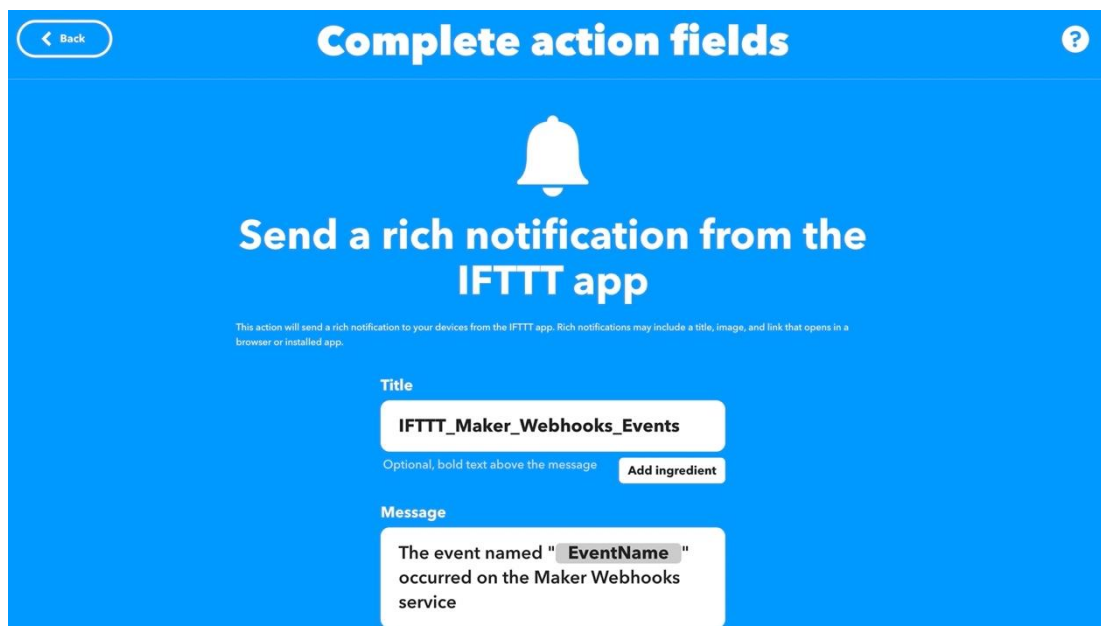
p. Enter "COTP {{Value1}} Account" for the title (Value1 is a placeholder for a value that will be sent to the web request) and "Trades Cycled!" for the message.
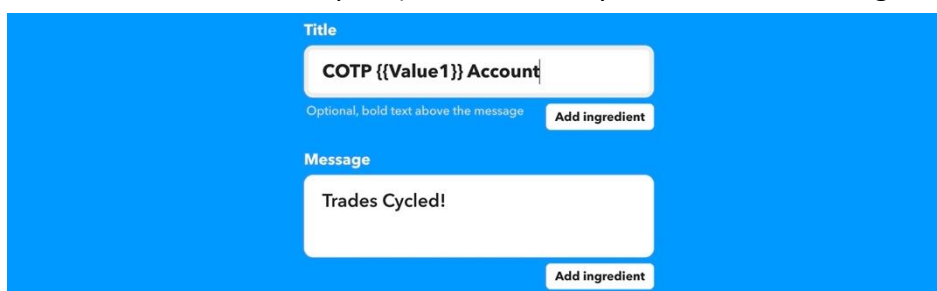
q. Optionally, you can add a link URL to your COTP Transaction Hall, so that you will be able to click on the notification and open that link automatically. You can even add the URL of an image to be displayed on the notification (but it will cause delays).


r. Once you finish, click on "Create action" which will take you back to the IFTTT structure.

s. Select "Continue" and then select "Finish" (you can change the title of the applet if you want, but make sure to include the event name (in this case COTP__SUCCESS).

t.   Now that the applet has been created, you should see something like this =>

u.   Make sure that the applet is Connected.

v.   From here you can edit the applet or even delete it (with the Archive option).

w.   Click on this [icon] icon to open the webhooks page.

x.   Click on the "Documentation" button.
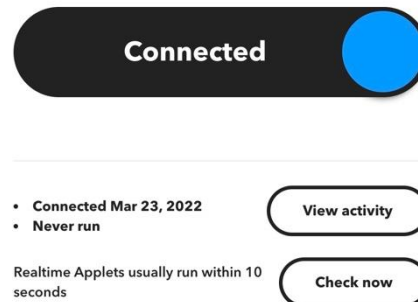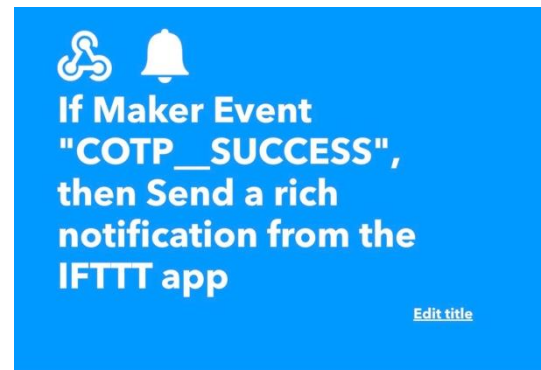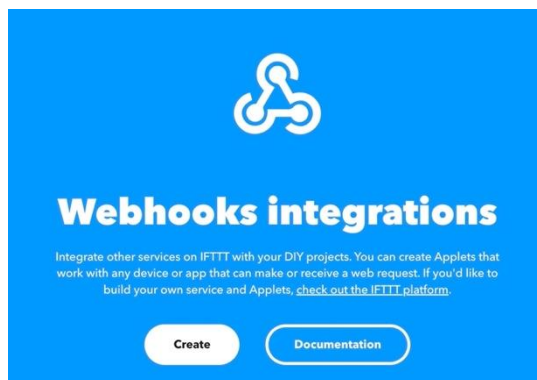
y.   A new page will open with examples on how to make a web request and trigger the notification. On the top, you can find your personal key (make sure to keep this secret), which is required in order to use your applets. Copy and save it somewhere as you will need to use it later.

z.   To make a request we will use the follow endpoint: https://maker.ifttt.com/trigger/{event}/with/key/{webhooks_key}?value1={account_name} Where {event} is the name of the event (e.g. COTP__SUCCESS), {webhooks_key} is the secret key we got from the documentation page (https://ifttt.com/maker_webhooks) and {account_name} is the name that will be displayed on the title of the notification.

Step 4: Testing the applet

a.   Before you can test the applet, you have to download the IFTTT app from the AppStore/ PlayStore on your mobile device. You need the mobile app, because the notifications cannot magically appear on your mobile phone without an app.

b.   After you download the app, you have to make sure that you use the same account that you used to create the applet, to log in.

c.   Modify the below URL by replacing {webhooks_key} with your secret key: https://maker.ifttt.com/trigger/COTP__SUCCESS/with/key/{webhooks_key}?value1= Snipe

d.   Copy and paste the URL in a new browser tab. You should see a blank page with this message "Congratulations! You've fired the COTP__SUCCESS event".

e.   In a couple of seconds, the notification should arrive on your mobile app. If you cannot see it, make sure to check the notification settings of the IFTTT app on your

mobile device and change them according to your preferences. In my case, lock-screen and floating notifications were disabled and I had to enable them.

f.   On the right, you can see a screenshot from my mobile, to get an idea how the notification will look like.

g.   If you have received the notification successfully, make sure to save the request URL, because you will need it later for the integration with the COTP script.

Step 5: Create 2 more applets
a.   Repeat steps 3 and 4 to create two more applets, one in case of failure and one for the profits window.
b.   For the failure applet use:
Event name: COTP__FAILURE
Notification message: Problem encountered - Please check the script.
Everything else is the same.
c.   For the profits window use:
Event name: COTP__PROFITS
Notification message: Profits are ready to be collected!!!
Everything else is the same.
d.   Make sure to test all applets to ensure that they are working as expected. If for some reason you cannot see the notifications, go back and check the steps again and that your mobile device has access to the internet.
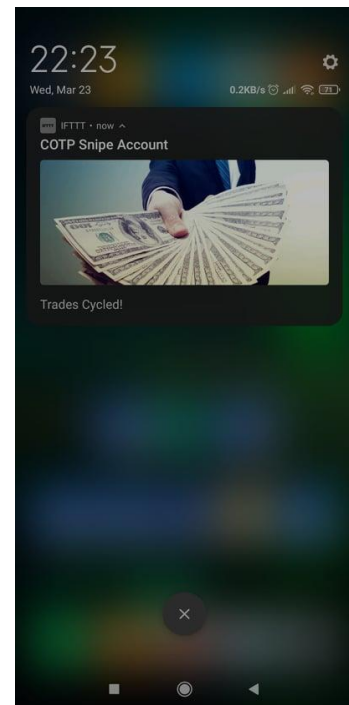
Step 6: Connect COTP script with the IFTTT applets
a.   Open the properties.py file with Notepad or any other text editor.
b.   Set the value of "iftttEnabled" to True
c.   Set the value of "iftttKeyCode" to your webhooks key.
d.   Set the value of "iftttSuccess" to 'COTP__SUCCESS'
e.   Set the value of "iftttProblem" to 'COTP__FAILURE'
f.   Set the value of "iftttProfit" to 'COTP__PROFITS'
g.   Set the value of "iftttNames" to the name of your account.
h.   Below you can see an example of how it should look like.

```
iftttEnabled = True

iftttKeyCode = '{webhooks_key}'

iftttSuccess = 'COTP__SUCCESS'     # Notification when all tasks are completed for the day
iftttProblem = 'COTP__FAILURE'     # There was an issue with the script, please check it
iftttProfit = 'COTP__PROFITS'      # Profits are ready to be collected
iftttNames = 'AccountName'         # IFTTT name to display for the account
```

i.   Make sure to add your secret key instead of the {webhooks_key} placeholder.
j.   Save the properties.py file to apply the changes and terminate the script, if it is already running. Start the script by double clicking the run.bat file.
k.   Now you will receive notifications for each cycle, failure or profit window.