1. register a gmail account for imedbot

Username: [imedbot.project@gmail.com](mailto:imedbot.project@gmail.com)

**Password: 69 6D 65 64 62 6F 74 32 30 32 33**. (This is not the actual password for this account, please use your knowledge to retrieve the password. This should be deleted because it is attached to Zhenyang’s personal phone). See below for a new account setting up procedure.

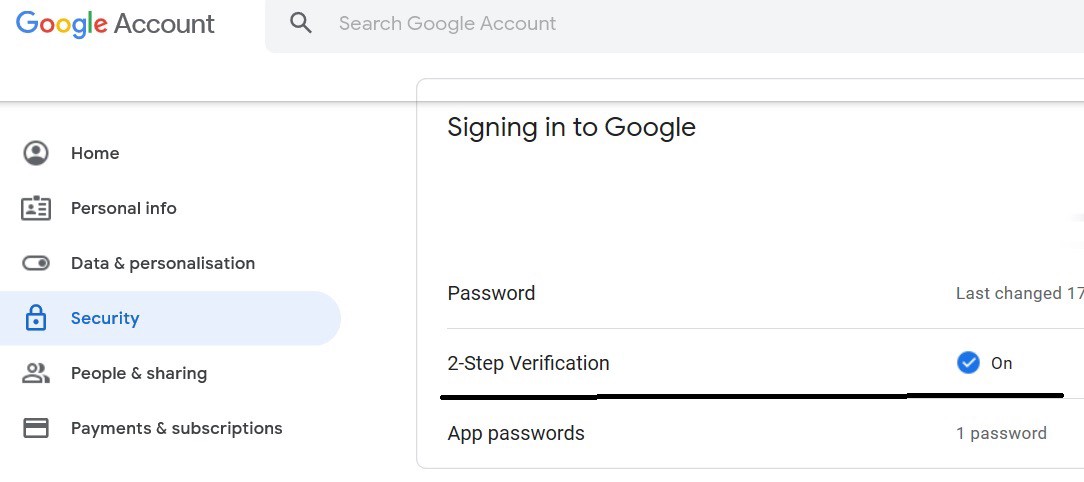
1. 2-step verificaiton

Now the password of the gmail can not be directly used in program due to security reason. You need to use a method called 2-step verification.

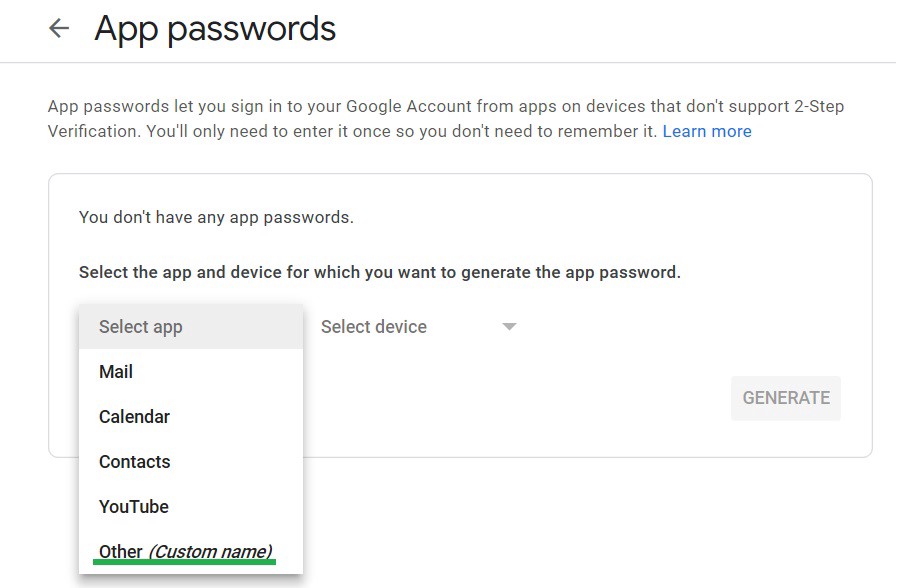
I find this tutorial:

https://towardsdatascience.com/automate-sending-emails-with-gmail-in-python-449cc0c3c317

First, you need to enable 2-Step Verification. Just go to your Google Account > Security > Signing in to Google, and select 2-Step Verification and follow the instruction.

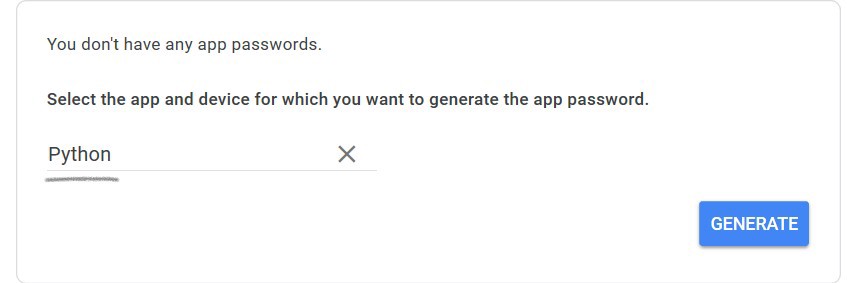


Next, create an app password. Just select ‘App passwords’ under ‘2-Step Verification’ and you will see a window as follows. Select ‘Other’ in the ‘Select app’ dropdown.

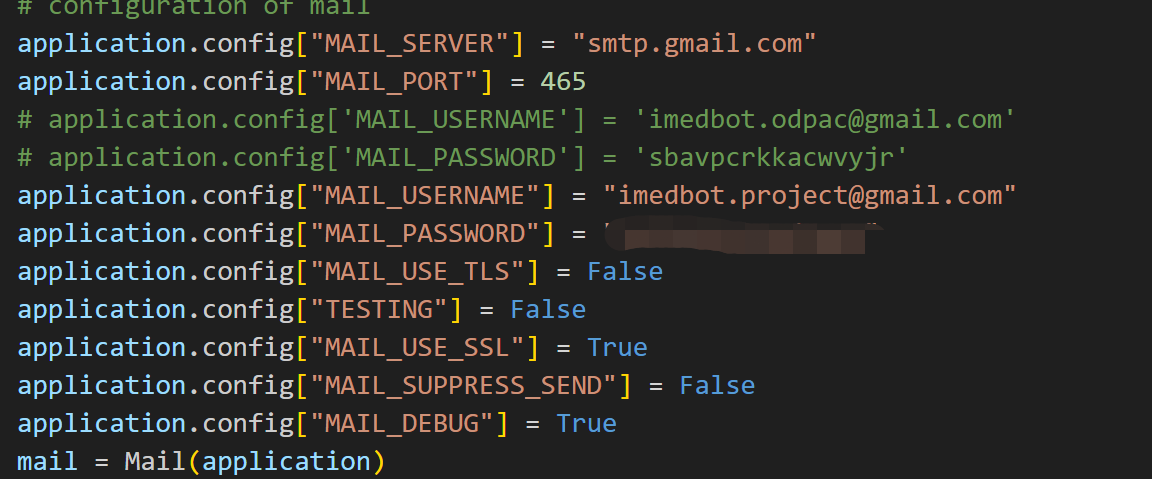


App password / Step 1

And enter a name, e.g. Python, and click ‘GENERATE’. Note this name has no link to the Python script and it could be anything.

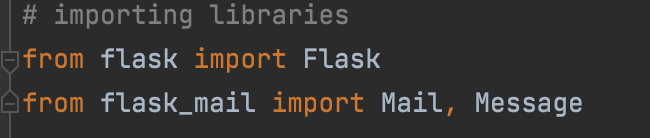


Then you will get a new app password. Copy and save the 16-character password without space, e.g. xnwbjmgvjeeevlgc, to use in your Python script.

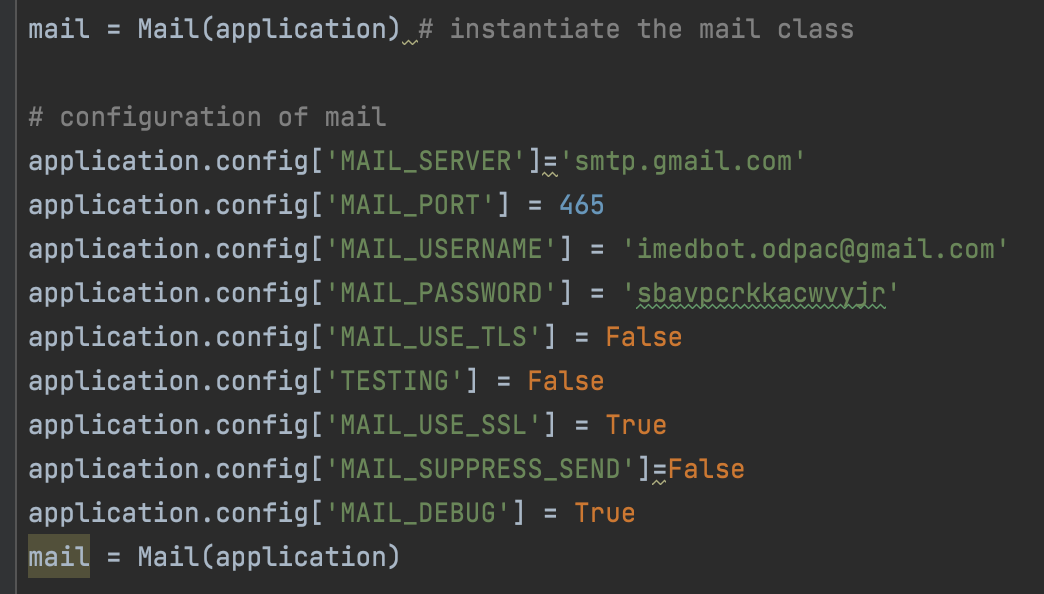


1. Send email in python

Import package for email with flask



Set parameters:



Here the password is the password for app which can be generated by step2.

Send email:

receiver=request.args.get('username')  
msg = Message('Verification code from iMedBot', sender='imedbot.odpac@gmail.com', recipients=[receiver])

msg.body = "This is your 6-digit verification code: "+pin

mail.send(msg)

Receiver is the receiver email address.

msg.body is the content of the email