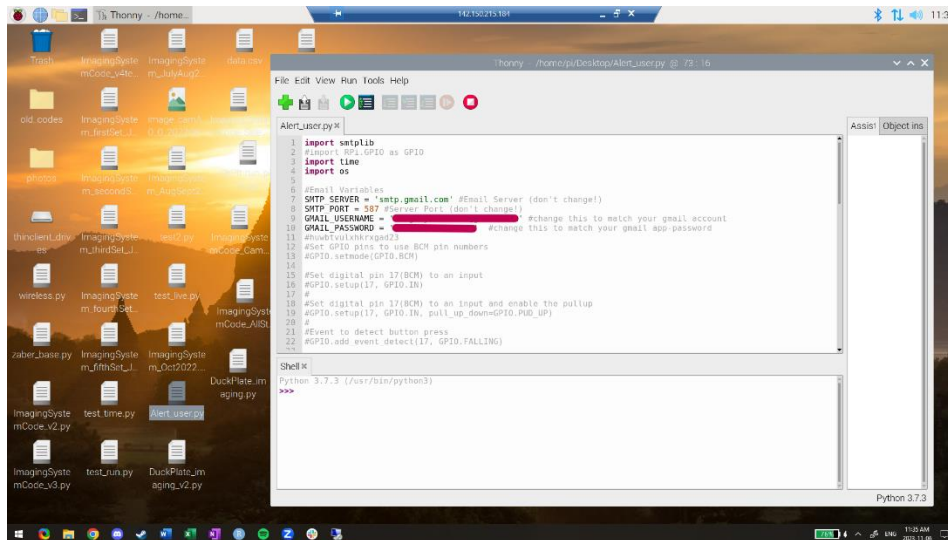


## Additional commands for the imaging system

Send email each time after the imaging system run completes or fails:



1. The name of the script is 'Alert\_user.py'
2. On lines 57 and 68, add or change the email addresses that will be contacted.



*Currently set to send emails to Tiago and Jessie.*

3. Save the changes.
4. To run you will need to type `os.system('python /home/pi/Desktop/Alert_user.py')` at the end of the code that is running the imaging of the plates. I suggest including this after the "Going home" message and before the "Done" message. Make sure to save your changes or comment this part out once you're done with your experiment.



```
Thonny - /home/pi/Desktop/ImagingSystemCode_SelectCameras.py @ 242 : 1
File Edit View Run Tools Help
+ [Icons]
ImagingSystemCode_SelectCameras.py
228 print("Going Home")
229 #code for taking the actuator the rest position below
230 with Connection.open_serial_port("/dev/ttyUSB0") as connection:
231     device_list = connection.detect_devices()
232     #homing the actuator
233     device = device_list[0]
234     axis = device.get_axis(1)
235     axis.home()
236
237 # send email
238 os.system('python /home/pi/Desktop/Alert_user.py')
239
240 print("Done")
241
242
Shell
Python 3.7.3 (/usr/bin/python3)
>>>
```

*Example.*

## Upload all image files to the server:

To load the files into the server, you can type expect autom2.exp and enter the information as requested:

- username: (this is your username on symbiont)
- foldername: (the name of your new folder to be created on the server that will host all the image files or an existing folder in your directory on the symbiont)
- password: (this is your password on symbiont)

This will upload all images from all four cameras.