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**Python 2: Getting More Out of Python  
Lesson 12, Project 1**

Handed in: 1 Apr 2015 06:39:54PM Graded: 6 Apr 2015 10:58:35AM

**Here are your instructions:**

Write a function that takes an email address, a string, and a list argument. It should return an email message addressed to the email address passed as the first argument, with the second argument as the message body. If the list is non-empty, then each list item should be treated as the name of a file and the corresponding file should be attached (with an appropriate MIME type) to the message.

Please include any files to attach in the same folder as your program. There is no need to send it as an email with smtp, though you may wish to print it as a string as a part of testing.

**Your Comment:**

Pat,

Great link! This version is a lot more robust than the first. Not sure the .png file is being encoded

correctly though, it prints out a bunch of gibberish while the tests are running. I know there was

an exercise in the lesson where we attached and sent a .png file, but I could never get any of the

emails to send, I kept getting errors when I tried to do it in the interactive console. I didn't have

authorization to send the emails (could have been because I was trying to use my asu.edu email

to send them).

So this may need additional refactoring, but I'm happy to do it!

-Jason

**Items Handed In**

* [Open Project Handed In](https://students.oreillyschool.com/student/project/?/.handin/160-7918-2/com.ost.jwoloson.160.7918.2.HandlingEmail_Homework.zip)

**Overall Comments:**

Hi Jason,

Your Marcel Marceau project is so good that it has left me speechless.

Let me try to address your comments:

-To actually send an email, you need to set up an email server. The one that comes baked in with Python is called "smtpd". You can have a look at the docs here:

https://docs.python.org/3.4/library/smtpd.html

Also, you can Google around and find other solutions that may be a little bit easier to use. There is a reasonable possibility that ASU would block traffic on port 25, at least on main servers to prevent them from being used as spam servers, but who knows?

-If you think about it, it makes sense that a .PNG file would look like gibberish. After all, encoding words in English is very different than encoding images. It's not like you're going to get a pixel-by-pixel representation in ASCII characters no matter what you do.

No re-factoring required - this is awesome.

-Pat

**Grade:**

Great

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