Sending Multiple Emails at Once

How to send multiple emails in python

Let's modify our last example a little so we send multiple emails!

```python
import os
import smtplib
import sys

from configparser import ConfigParser

def send_email(subject, body_text, emails):
    """
    Send an email
    """
    base_path = os.path.dirname(os.path.abspath(__file__))
    config_path = os.path.join(base_path, "email.ini")

    if os.path.exists(config_path):
        cfg = ConfigParser()
        cfg.read(config_path)
    else:
        print("Config not found! Exiting!")
        sys.exit(1)

    host = cfg.get("smtp", "server")
    from_addr = cfg.get("smtp", "from_addr")

    BODY = "\r\n".join((
            "From: %s" % from_addr,
            "To: %s" % ', '.join(emails),
            "Subject: %s" % subject ,
            "",
            body_text
            ))
    server = smtplib.SMTP(host)
    server.sendmail(from_addr, emails, BODY)
    server.quit()

if __name__ == "__main__":
    emails = ["mike@someAddress.org", "someone@gmail.com"]
    subject = "Test email from Python"
    body_text = "Python rules them all!"
    send_email(subject, body_text, emails)
```

You'll notice that in this example, we removed the to_addr parameter and added an emails parameter, which is a list of email addresses. To make this

work, we need to create a comma-separated string in the **To:** portion of the BODY and also pass the email **list** to the **sendmail** method. Thus we do the following to create a simple comma separated string: **', '.join(emails)**. Simple, huh?