WITH ONLY SMTPLIB

```
In [2]: import smtplib
        import os
```

```
In [3]: EMAIL_ADDRESS = os.environ.get('EMAIL')
        EMAIL_PASSWORD = os.environ.get('EMAIL_PASS')

        with smtplib.SMTP('smtp.gmail.com', 587) as smtp:
            smtp.ehlo()
            smtp.starttls()
            smtp.ehlo()

            smtp.login(EMAIL_ADDRESS, EMAIL_PASSWORD)

            subject = 'Send Top Gainers'
            body = 'MSFT = 8%'

            msg = f'subject: {subject}\n\n{body}'

            smtp.sendmail(EMAIL_ADDRESS, 'sammytaylor2006@yahoo.com', msg)
```

WITH EMAIL.MESSAGE

```
In [5]: import smtplib
        import os
        from email.message import EmailMessage
```

```
In [6]: EMAIL_ADDRESS = os.environ.get('EMAIL')
        EMAIL_PASSWORD = os.environ.get('EMAIL_PASS')


        msg = EmailMessage()
        msg['Subject'] = 'Send Top Gainers'
        msg['From'] = EMAIL_ADDRESS
        msg['To'] = 'sammytaylor2006@yahoo.com'
        msg.set_content('MSFT = 8%')

        with smtplib.SMTP_SSL('smtp.gmail.com', 465) as smtp:
            smtp.login(EMAIL_ADDRESS, EMAIL_PASSWORD)

            smtp.send_message(msg)
```

ATTACH ONE IMAGE

```
In [7]:  import smtplib
         import os
         from email.message import EmailMessage
         import imghdr
```

```
In [9]:  EMAIL_ADDRESS = os.environ.get('EMAIL')
         EMAIL_PASSWORD = os.environ.get('EMAIL_PASS')


         msg = EmailMessage()
         msg['Subject'] = 'Hello Kypee'
         msg['From'] = EMAIL_ADDRESS
         msg['To'] = 'sammytaylor2006@yahoo.com'
         msg.set_content('Image Attached...')

         with open('/Users/sammarcustaylor/Downloads/IMG_7430.jpg', 'rb') as f:
             file_data = f.read()
             file_type = imghdr.what(f.name)
             file_name = f.name

         msg.add_attachment(file_data, maintype = 'image', subtype = file_type, filename = file_name)


         with smtplib.SMTP_SSL('smtp.gmail.com', 465) as smtp:
             smtp.login(EMAIL_ADDRESS, EMAIL_PASSWORD)
             smtp.send_message(msg)
```

ATTACH MULTIPLE IMAGES - MUST BE OF SAME TYPE

```
In [10]:  EMAIL_ADDRESS = os.environ.get('EMAIL')
          EMAIL_PASSWORD = os.environ.get('EMAIL_PASS')


          msg = EmailMessage()
          msg['Subject'] = 'Hello Kypee'
          msg['From'] = EMAIL_ADDRESS
          msg['To'] = 'sammytaylor2006@yahoo.com'
          msg.set_content('Image Attached...')

          files = ['/Users/sammarcustaylor/Desktop/EDD:HealthCare:Taxes/Taxes 2020/.Sams W2.jpeg.icloud', '/Users/samm

          for file in files:
              with open(file,'rb') as f:
                  file_data = f.read()
                  file_type = imghdr.what(f.name)
                  file_name = f.name

              msg.add_attachment(file_data, maintype = 'image', subtype = file_type, filename = file_name)


          with smtplib.SMTP_SSL('smtp.gmail.com', 465) as smtp:
              smtp.login(EMAIL_ADDRESS, EMAIL_PASSWORD)
              smtp.send_message(msg)
```

SEND PDFS AS ATTACHMENTS

```
In [11]:  EMAIL_ADDRESS = os.environ.get('EMAIL')
          EMAIL_PASSWORD = os.environ.get('EMAIL_PASS')


          msg = EmailMessage()
          msg['Subject'] = 'Hello Kypee'
          msg['From'] = EMAIL_ADDRESS
          msg['To'] = 'sammytaylor2006@yahoo.com'
          msg.set_content('Image Attached...')

          files = ['/Users/sammarcustaylor/Desktop/EDD:HealthCare:Taxes/Taxes 2020/.Sams W2.jpeg.icloud']

          for file in files:
              with open(file,'rb') as f:
                  file_data = f.read()
          #         file_type = imghdr.what(f.name)
                  file_name = f.name

              msg.add_attachment(file_data, maintype = 'application', subtype = 'octet-stream', filename = file_name)


          with smtplib.SMTP_SSL('smtp.gmail.com', 465) as smtp:
              smtp.login(EMAIL_ADDRESS, EMAIL_PASSWORD)
              smtp.send_message(msg)
```

SEND TO MULTIPLE CONTACTS

```
In [7]:  import smtplib
         import os
         from email.message import EmailMessage
         import imghdr

In [13]: EMAIL_ADDRESS = os.environ.get('EMAIL')
         EMAIL_PASSWORD = os.environ.get('EMAIL_PASS')

         contacts = ['2015samtaylor@gmail.com', 'sammytaylor2006@yahoo.com']

         msg = EmailMessage()
         msg['Subject'] = 'Hello Kypee'
         msg['From'] = EMAIL_ADDRESS
         msg['To'] = (contact for contact in contacts)
         msg.set_content('Image Attached...')

         files = ['/Users/sammarcustaylor/Desktop/EDD:HealthCare:Taxes/Taxes 2020/.Sams W2.jpeg.icloud']

         for file in files:
             with open(file,'rb') as f:
                 file_data = f.read()
         #        file_type = imghdr.what(f.name)
                 file_name = f.name

             msg.add_attachment(file_data, maintype = 'application', subtype = 'octet-stream', filename = file_name)


         with smtplib.SMTP_SSL('smtp.gmail.com', 465) as smtp:
             smtp.login(EMAIL_ADDRESS, EMAIL_PASSWORD)
             smtp.send_message(msg)
```

SEND HTML WITHIN EMAIL

```python
In [7]: import smtplib
        import os
        from email.message import EmailMessage
        import imghdr

In [14]: EMAIL_ADDRESS = os.environ.get('EMAIL')
         EMAIL_PASSWORD = os.environ.get('EMAIL_PASS')

         contacts = ['2015samtaylor@gmail.com', 'sammytaylor2006@yahoo.com']

         msg = EmailMessage()
         msg['Subject'] = 'Hello Kypee'
         msg['From'] = EMAIL_ADDRESS
         msg['To'] = (contact for contact in contacts)


         msg.set_content('This is a plain text email')

         msg.add_alternative("""\
         <!DOCTYPE html>
         <html>
             <body>
                 <h1 style="color:SlateGray;">This is an HTML Email!</h1>
             <body>
         </html>
         """, subtype = 'html')




         with smtplib.SMTP_SSL('smtp.gmail.com', 465) as smtp:
             smtp.login(EMAIL_ADDRESS, EMAIL_PASSWORD)
             smtp.send_message(msg)
```