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|  | Chapter 16 Practice Questions – Sending Email and Text Messages |
| **Q1** | **What is the protocol for sending email? For checking and receiving email?** |
| A | For sending email the protocol is SMTP  For checking and receiving email the protocol is IMAP |
| **Q2** | **What four smtplib functions/methods must you call to log in to an SMTP server?** |
| A | 1. Create an SMTP object by calling smtplib.SMTP() passing the domain name as a string argument and passing the port as an integer argument e.g. smtpObj = smtplib.SMTP(‘smtp.example.com’, 587) 2. Say hello to the SMTP server by calling the ehlo() function. If not any other interactions with the server will fail e.g. smtpObj.ehlo() 3. Call the starttls() method to enable encryption for the connection e.g. smtpObj.starttls() 4. Login to the server by calling the login method e.g. smtpObj.login(‘my\_email\_address@gmail.com’, ‘password’) |
| **Q3** | **What two imapclient functions/methods must you call to log in to an IMAP server?** |
| A | 1. Create an IMAPClient object e.g. imapObj = imapclient.IMAPClient(‘imap.gmail.com’, ssl=True) 2. Call the login method e.g. imapObj.login(‘my\_email\_address@gmail.com’, ‘password’) |
| **Q4** | **What kind of argument do you pass to imapObj.search()?** |
| A | The argument to search() method is a list of strings |
| **Q5** | **What do you do if your code gets an error message that says got more than 10000 bytes?** |
| A | If the search using the search() method matches a large number of email messages then you can increase this limit e.g. imaplib.\_MAXLINE = 10000000 which increases it to 10,000,000 bytes |
| **Q6** | **The imapClient module handles connecting to an IMAP server and finding emails. What is one module that handles reading the emails that imapclient collects?** |
| A | The raw messages returned from the fetch() method aren’t very human friendly to read so importing the pyzmail module parses these raw messages and returns them as PyzMessage objects. |
| **Q7** | **What three pieces of information do you need from Twilio before you can send text messages?** |
| A | 1. Account SID 2. AuthToken 3. Twilio phone number |