1. 4 instance variables are used in the .equals method of Person201.java.
2.

```java
public boolean sameName(Person201 other) {
    return myName.equals(other.myName);
}
```

3. By commenting out lines, the complier knew which way to access the data file. The reason they were commented out and not rewritten every time as a single line is because it is far more efficient to simply remove/add two slashes than rewrite a line of code every time the programmer wants to change his access point.

4. readFile, readEncryptedFile, and readURL are all similar in the purpose behind the methods. They all access the data set used to run the code. This is done by accessing the file either from storage or the internet and then scanning the information into an ArrayList by way of the readFromScanner method. The differences lie within where the data set is scanned from. For readURL, the the data set is accessed from the internet via a URL whereas for readEncryptedFile and readFile the data set is accessed from a text file stored on the computer. Additionally, readEncryptedFile requires a String "password" to allow access to the file whereas readFile and readURL do not.

5. It is important to encrypt a URL because this information is pulled from the internet which is open to public access. By encrypting information it is protected from people who don't have authorization to access the data.

6. In computer science, much like the rest of the world it is important to keep personal belongings safe. Encryption like AES are utilized to protect data from unauthorized users. Secondly, accessibility is important when it comes to computer software. Creating systems that are widely applicable and can be implemented with relative ease in a multitude of scenarios is an important aspect of creating strong code.

7.
Name: Jack Regan
Phrase: doorknob
Longitude: -87.909416
Latitude: 43.041069

8. Yes, I submitted a zoom recording of me completing this project. The first time I attempted to record my work, the file didn't save because I was logged into a personal zoom account. The video file I submitted was taken part way through the completion of my project.