CS Project 0 Analysis

Question 1

How many instance variables in Person201? There are 4 instance variables for the object Person201

How many constructors are there in Person201? There is a single constructor.

Question 2

Does the main method of your Person201Closest.java create any objects of type Person201Utilities? Why or why not?

No, Person201 does not create any objects of the type Person201Utilities, and this is because the class is not instantiated or used directly in the code. Instead a static method of the class is called.

Question 3

According to the .equals method of the Person201 class, when are two Person201 objects considered to be equal? Is it case sensitive for their names or for their phrases? (Case sensitive means different answers are returned depending on capitalization).

Two objects are considered equal if all of their instance variables are the same. The equality comparison for name and phrase is case sensitive since the equality comparison is case sensitive by default and also performed under String types

Question 4

The online data for this project read via URL is encrypted. In a few sentences, why is it reasonable to have the online data encrypted? It helps in protecting information from unauthorized access, ensuring that only individuals with the correct decryption keys can access the information stored in it. It also provides an extra layer of protection or security to prevent interception during data transmission.

Question 5

The complex application of computer science concepts allows it to progress over diverse fields in a well-rooted manner such that the knowledge base of the concepts are intrinsically well -grounded.

Concepts in computer science aren't exactly rigid; they are prone or subject to changes, modifications and improvements regardless of the rigor in structure.

Question 6

Yes, I submitted the URL for a Zoom recording.