

## **Serialization**

1. Using the Internet and other available resources, write a paper explaining what is serialization? When do you use serialization?
2. Please watch the following two YouTube videos given below:  
Object Serialization (13:51 min) <https://www.youtube.com/watch?v=vcV0DK45P-Q>

What is Serialization (8:13 min) <https://www.youtube.com/watch?v=uS37TujnLRw>

After you have watched the two videos above, using Serialization write and synthesize the presenter's program. Use and collect the following information:

Name  
Phone Number  
Date of birth  
Email Address

Create a menu driven program as following:

- 1) Add information into a file.
- 2) Retrieve information from a file and display them.
- 3) Delete information. *(Not mandatory. Extra credit, 10 points added to your score if created correctly)*
- 4) Update information. *(Not mandatory. Extra credit, 10 points added to your score if created correctly)*
- 5) Exit.

Create at least five entries.

## **Write a Report Summary**

Using Microsoft Word or any text editors, answer the following eight questions.

1. Did you complete your assignment and did it run without errors?
2. Did your program produce the correct result?
3. Did you test your program thoroughly?
4. How much time did you spend to complete your assignment?
5. Did you write the program yourself? Did you get any help from anyone?
6. When you encountered obstacles to complete your program, how did you resolve the issues? Did you use Google to get help? Describe how Google was able or not able to assist you?
7. What did you learn from doing this assignment?
8. Any other information you would like to share with your instructor?

## **Submission Instructions:**

- Submit all source code files and the output.
- Submit your Report Summary.