**Theory Assignment 2**

**Instructions:**

1. For theoretical answer, type the text in MS-Word.
2. For code, create a class of your name and enrolment number, write the code in that function.
3. Copy the entire code (no screenshot) in MS-Word file.
4. Take screenshot of the output and attach it to the MS-Word File.
5. Rename you MS-Word file with only your enrolment number (e.g., SP23-BCS-44).
6. Upload it in the assignment section on your portal.

**Questions (CLO-3) [Marks: 10]**

1. What does FileNotFoundException mean?

2. What are binary files? What is the main difference between text files and binary files?

3. What is object serialization in Java? Why do we use object serialization?

4. What is event handling in Java? Give one real-life example.

5. What is a container in Java GUI?