CS 202: IT Workshop I
End semester Lab examination
18 November 2020, Time: 5 PM to 9 PM

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Design a GUI in Java for maintaining Student information record. The welcome screen will have two buttons: **Admin** and **User**. Upon clicking Admin or User separate forms will appear.

Admin form will have following menu items: Add details, Delete details, Modify details. Upon selecting a menu item, further details will be taken using text fields.

User form will have following menu items: View details by roll number, View details by name.

Wherever input is required in GUI (e.g. view details, modify details, etc.), you may use text fields or appropriate items.

Information of the students will be stored in file at the server. You need to establish connection using socket whenever necessary.

Marks distribution

10 for form design

5 for each operation (under action performed)

5 for client-server communication

5 for implementation of object serialization concept

5 for code efficiency

You are welcome to write additional methods/operations as you feel appropriate. You may earn some bonus marks for this.

Hint: You may use object serialization concept to save information in file.