

INDIVIDUAL PROJECT WORK JUNE SEMESTER 2022

BACHELOR OF COMPUTER SCIENCE (HONS.) (IN COLLABORATION WITH IUKL)

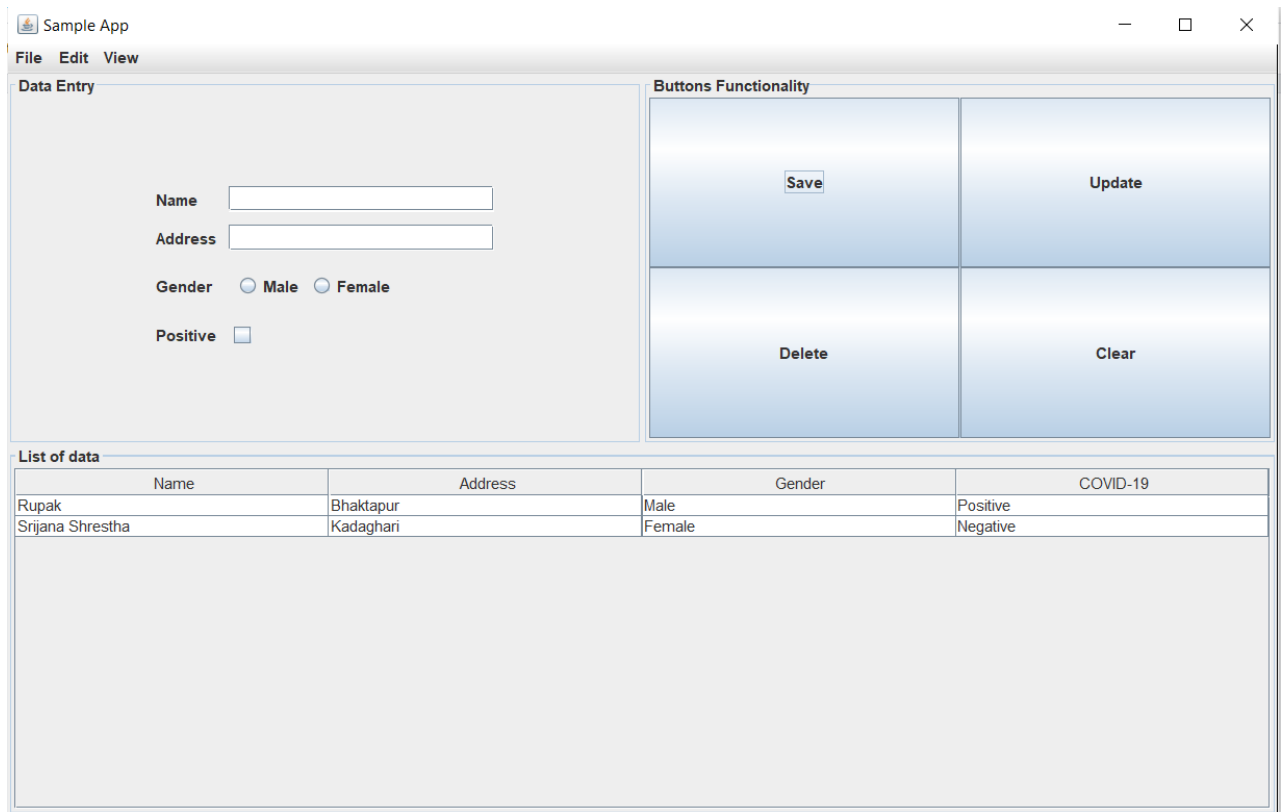
OBJECT ORIENTED PROGRAMMING (CSC 2515)

LECTURER'S NAME : RUPAK KOIRALA

GENERAL INSTRUCTIONS

1. This question booklet consists of 3 pages including this page.
2. There is one **SECTION** in this question booklet.
3. Please submit assignment solution in **SOFT COPY**.
4. **The Deadline for Submission is on 25th August.**

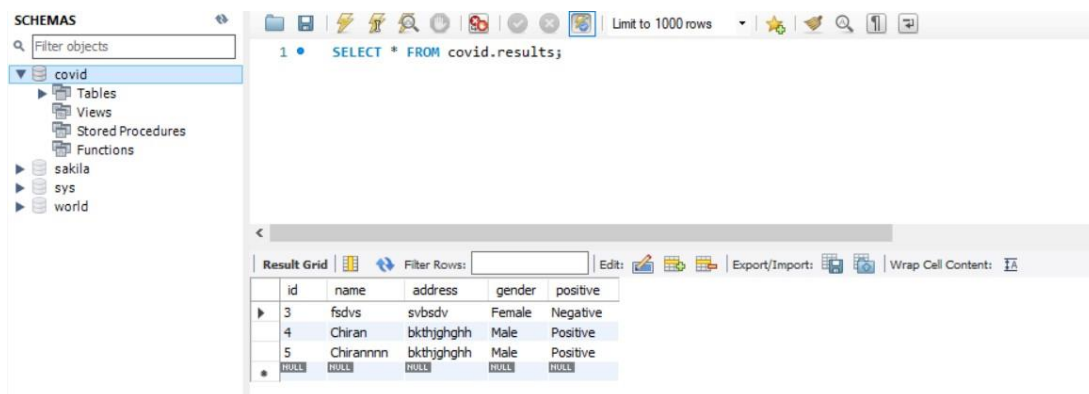
Create the following GUI using java Swing and Awt. (15 marks)



Name	Address	Gender	COVID-19
Rupak	Bhaktapur	Male	Positive
Srijana Shrestha	Kadaghari	Female	Negative

Create a table named “covid” in MySQL database to store id, name, address gender and covid status. (2.5 marks)

Using java database connectivity, connect the GUI shown above to the MySQL database. (2.5 marks)



id	name	address	gender	positive
3	fsdvs	svbsdv	Female	Negative
4	Chiran	bkthjghgh	Male	Positive
5	Chirannnn	bkthjghgh	Male	Positive

Carry out CRUD operation (Create, read, update and delete) using the GUI shown above and MySQL database.

1. You must be able to add the data through the text field and add it to the database table. (5 marks)



Sample App

File Edit View

Data Entry

Name

Address

Gender ☐ Male ☐ Female

Positive ☐

Buttons Functionality

Success

New record is added successfully

OK

Delete Clear

List of data

Name	Address	Gender	COVID-19
Rupak	Bhaktapur	Male	Positive
Srijana Shrestha	Kadaghari	Female	Negative
Ramesh karki	Kalanki	Male	Positive

2. You must be able to read and display the data in the GUI shown below :(5 marks)
3. You must be able to edit the data. (5 marks)
4. You must be able to delete the data in the database. (5 marks)

Note: Viva will be conducted after the submission of the project. It is MANDATORY for all the students to attend Viva. You are destined to fail if you do not show up in viva with your source code and functional product.