20MCA134 ADVANCED DATABASE LAB
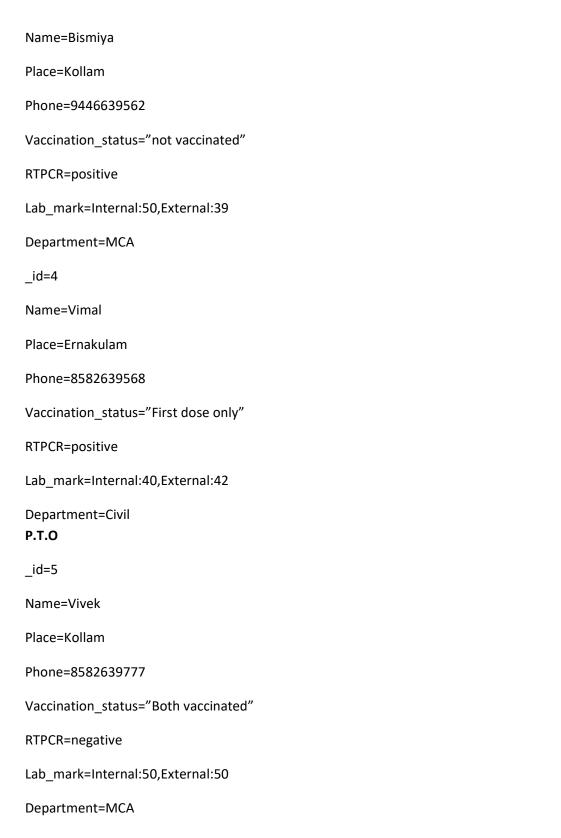
INTERNAL EXAMINATION SEPTEMBER 2021

Time: 1hr   **Mark: 15**

Create a database named "exam" and create a collection named "student" into it.

- Insert the following document into the collection student(Using python code)

  _id=1

  Name=Anjali

  Place=Kollam

  Phone=8582639562

  Vaccination_status="Both vaccinated"

  RTPCR=negative

  Lab_mark=Internal:30,External:45

  Department=MCA

- Insert the following documents into the collection student(Using python code)

  _id=2

  Name=Anuradha

  Place=Varkala

  Phone=9992639562

  Vaccination_status="Both vaccinated"

  RTPCR=negative

  Lab_mark=Internal:40,External:48

  Department=Civil

  _id=3

Name=Bismiya

Place=Kollam

Phone=9446639562

Vaccination_status="not vaccinated"

RTPCR=positive

Lab_mark=Internal:50,External:39

Department=MCA

_id=4

Name=Vimal

Place=Ernakulam

Phone=8582639568

Vaccination_status="First dose only"

RTPCR=positive

Lab_mark=Internal:40,External:42

Department=Civil

P.T.O

_id=5

Name=Vivek

Place=Kollam

Phone=8582639777

Vaccination_status="Both vaccinated"

RTPCR=negative

Lab_mark=Internal:50,External:50

Department=MCA

- Write a NoSQL Query to display the name and phone number of students who are both

not vaccinated

- Write a NoSQL Query to display the name and phone number of top two students in MCA department(based on lab external mark)

- Write a NoSQL Query to display the id, name and department of students whose name starts with 'A'

- Write a NoSQL Query to update the vaccination status as 'both vaccinated' of the student whose id=4

- Write a NoSQL Query to display the name of students in descending order based on the lab external mark.

- Write a NoSQL Query to remove students whose internal marks are less than or equal to 30.