

Name -Raj kumar

Branch - B.tech(computer science & engineering)

Uni Roll no -191500623

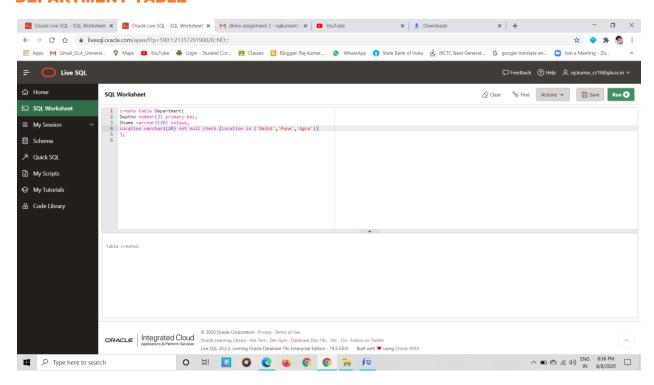
Sec-I

Sec Roll no -30

Sub - DBMS(Exprement-2 Assignment)

1. Create the following tables and specify constraints at the time of creation.

DEPARTMENT TABLE

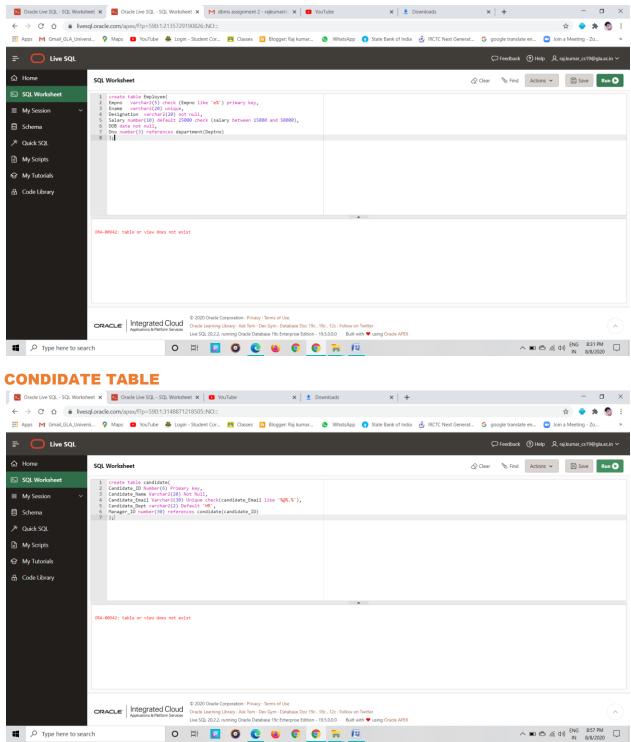


EMPLOYEE TABLE

Teacher signature

Student signature



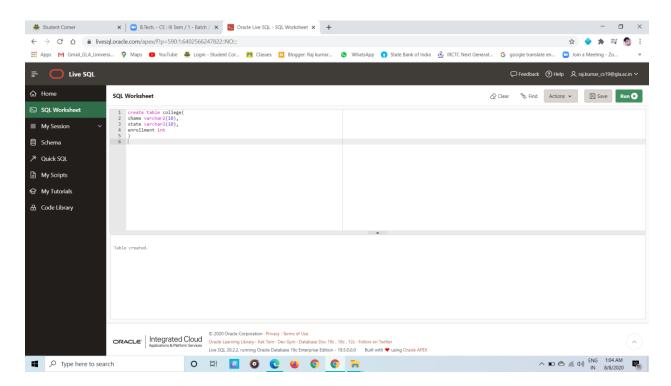


2. Create the schemas as specified above without specifying any constraints.

Teacher signature Student signature



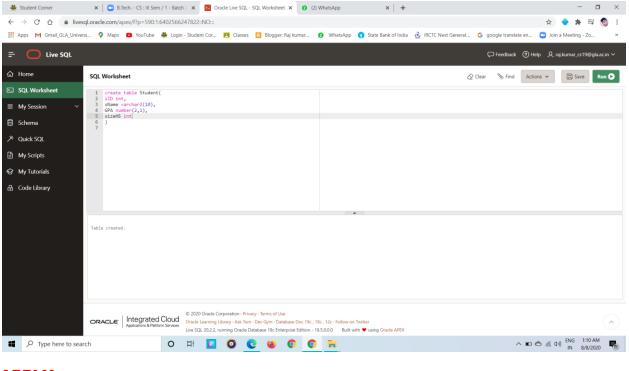
COLLEGE



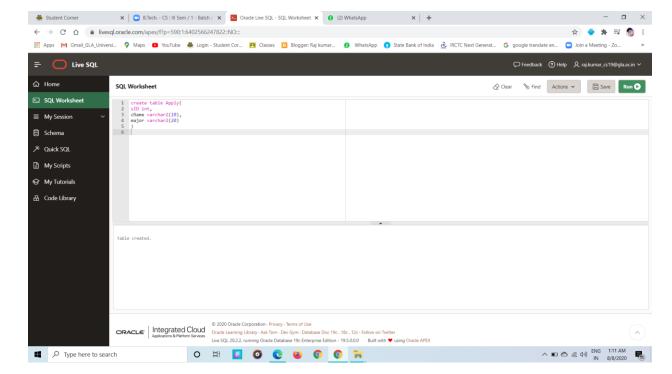
STUDENT

Teacher signature Student signature



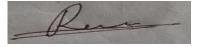


APPLY

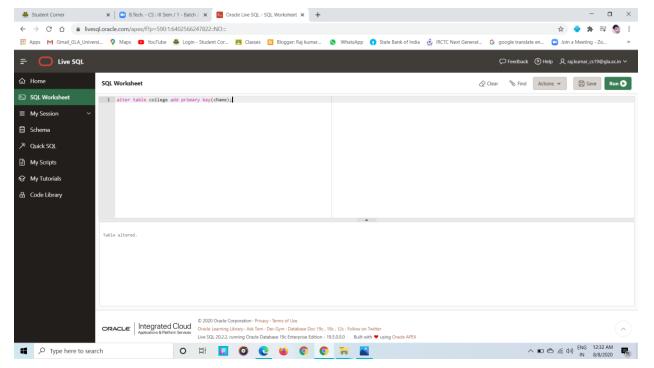


(i) Add cName as Primary key in College.

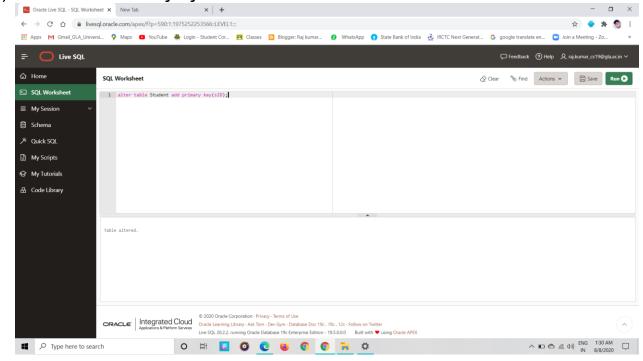
Teacher signature Student signature







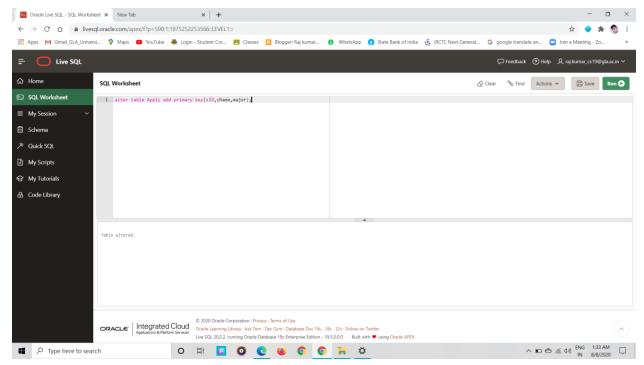
(ii) Add sID as Primarykey in Student.



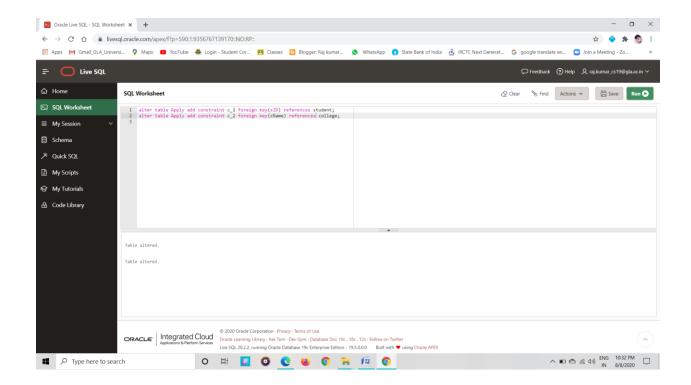
(iii) Add sID, cName, major as Primarykey in Apply.

Teacher signature Student signature





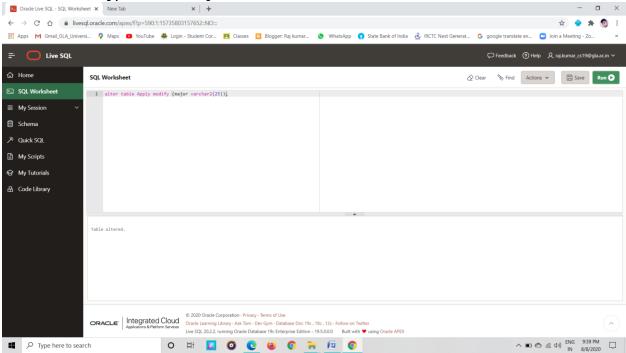
(iv) Make sID in Applyforeignkey referring table student and cName referring table college.



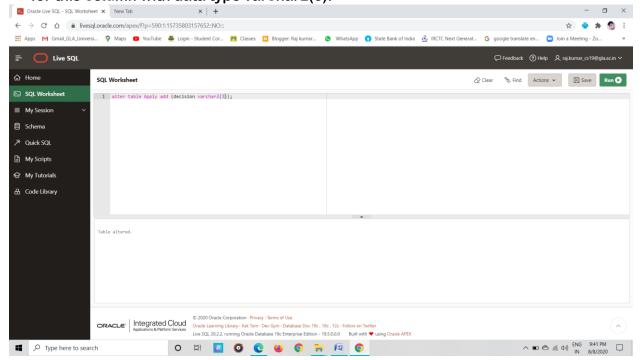
Teacher signature Student signature



(v) Increase data type size of majorfrom 20 to 25.



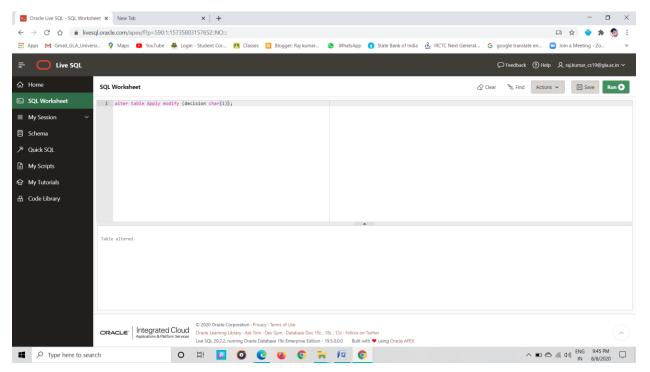
(vi) Add a new column decision in the Apply table keeping a constraint of not null for this column with data type varchar2(3).



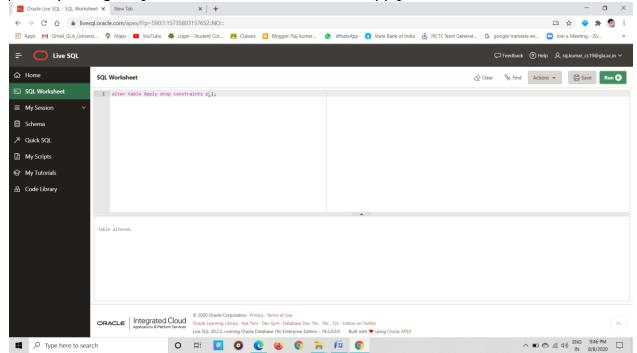
Teacher signature Student signature Student



(vii) Change data type of decision in Apply to char(1).



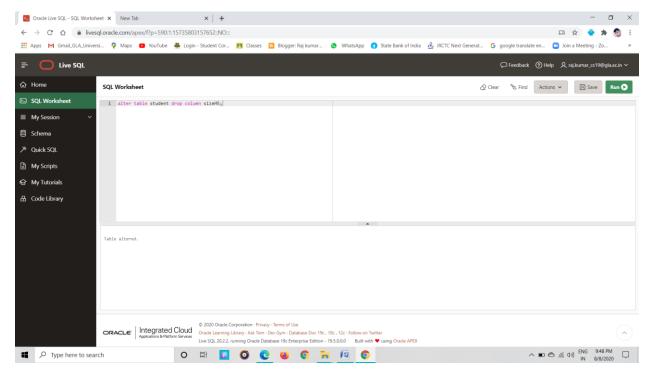
(viii) Drop foreign key on column name cName from Apply table.



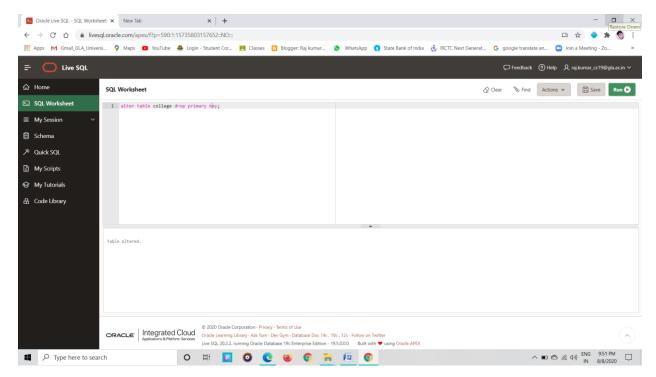
Teacher signature Student signature



(ix) Remove column sizeHS from Student table.



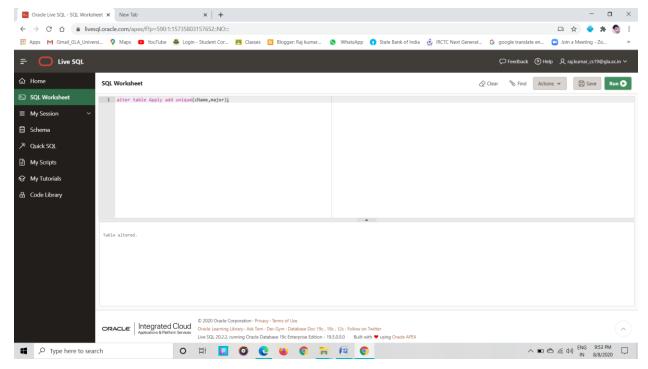
(x) Drop primary key from College



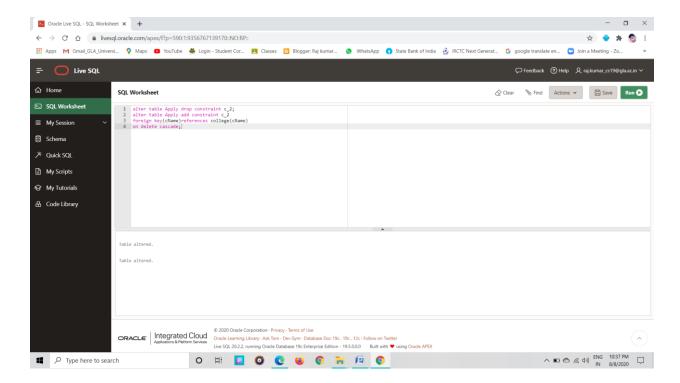
(xi) Make cName, majorunique pairwise such as Stanford CS, Stanford EE.

Teacher signature Student signature





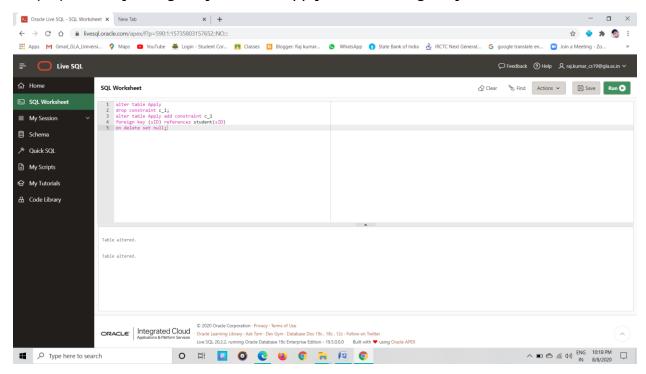
(xii) Add cName as Foreign Key in Apply table referring table College using on delete cascade.



Teacher signature Student signature



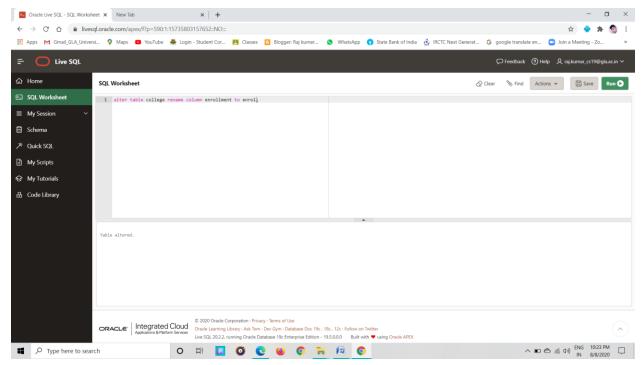
(xiii) Modify foreign key on sID in Apply table to foreign key on delete set null.



(xiv) Rename column enrollment to enroll in College Table.

Teacher signature Student signature





Teacher signature Student signature