DBMS ASSIGNMENT 8

Name- Arpan Agarwal Course- Btech-CS

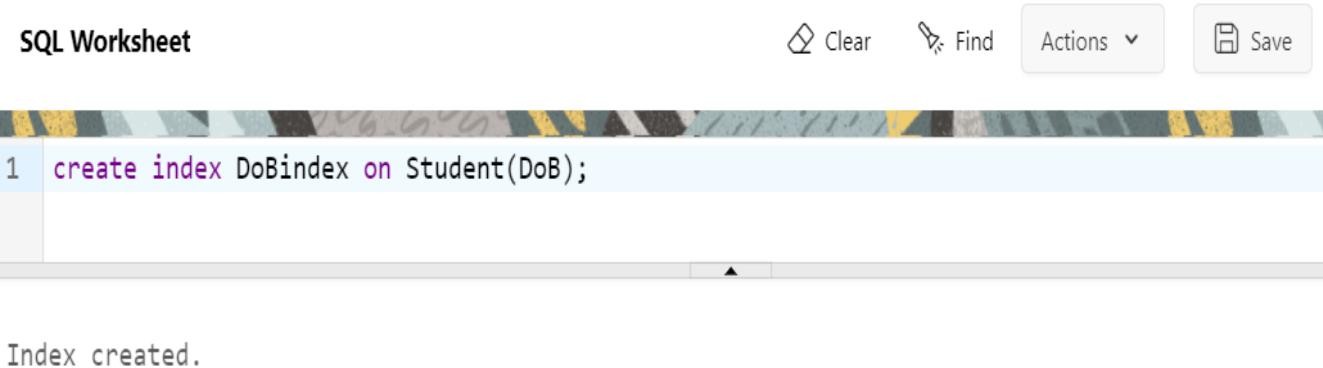
Section- C

Roll No. 14

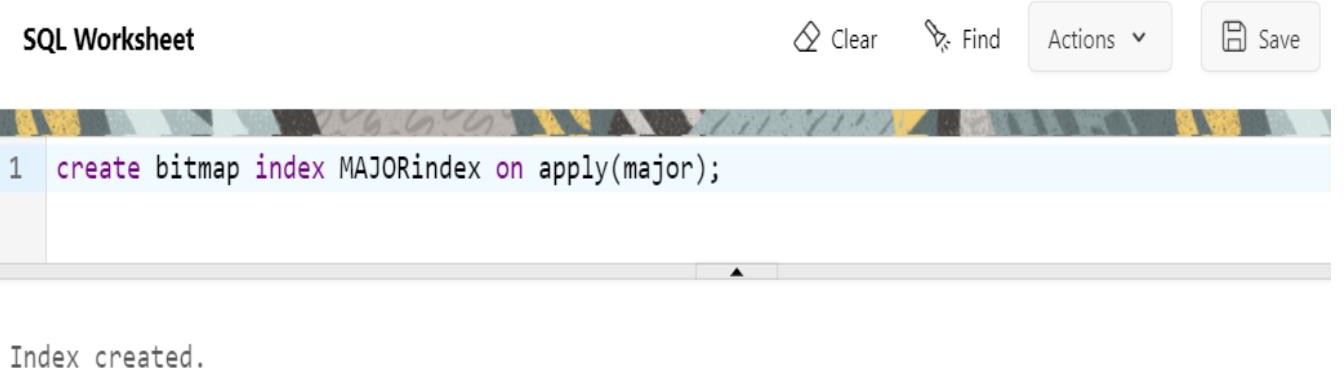
Univ. Rollno.- 2215000343

Write SQL Queries for the following:

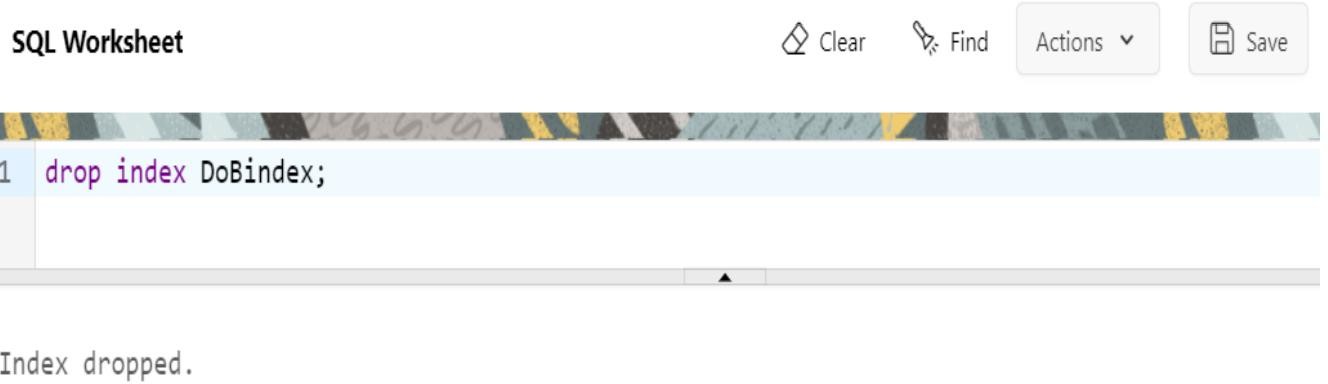
Q1. As we need to notify in system birthday of each

student so kindly create an index DoBindex on column DoB of Student table.

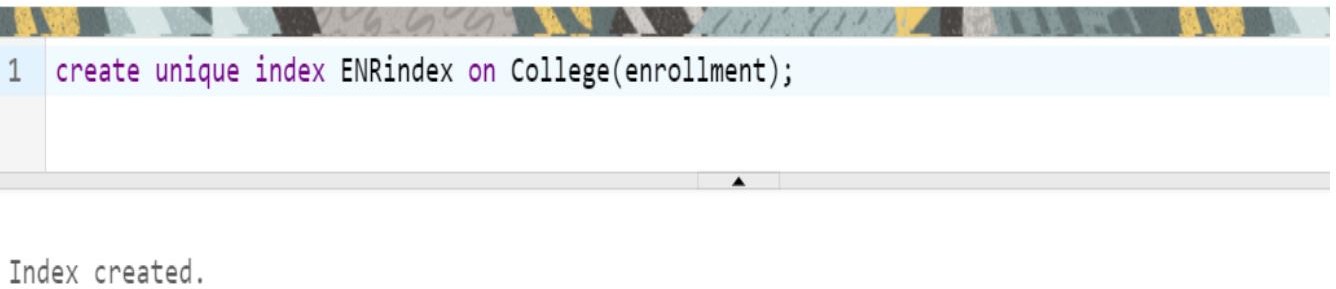
Q2. Which index be more suitable for major in Apply? Create Bitmap Index name MAJORindex.



Q3. Remove index on DoB column.

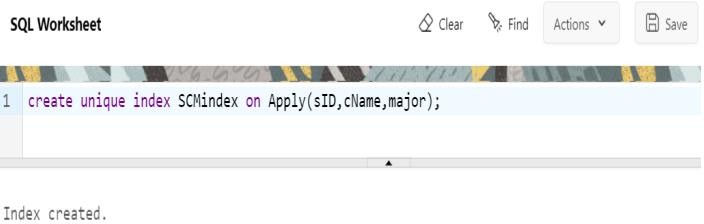


Q4. Create an Unique index ENRindex on enrollment.

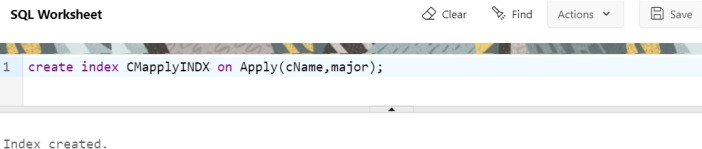


Q5. Create an composite

Unique index SCMindex on Apply using columns sID, cName, major.



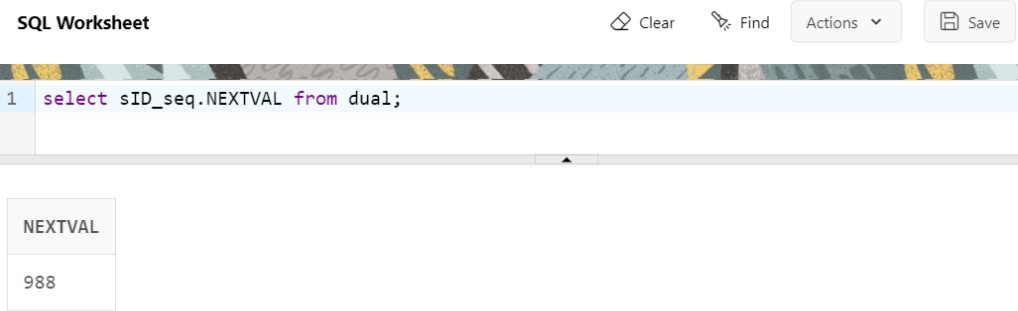
Q6. Create composite index on Apply using columns cName and major. Name this index as CMapplyINDX.



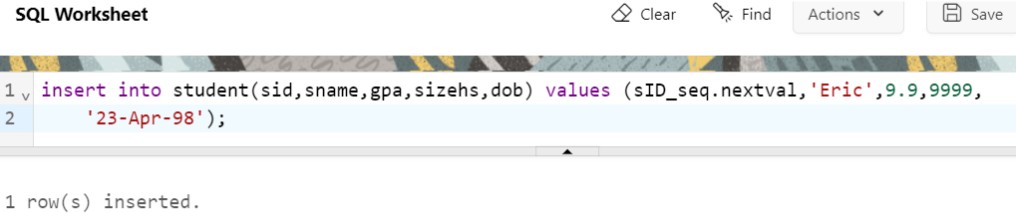
Q7. Create sequence sID\_seq with following parameters, increment by 3, cycle, cache 4 and which will generate the numbers among 988 to 999.



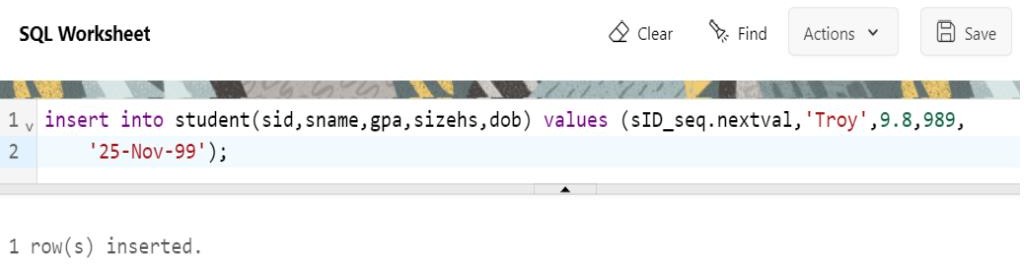
Q8. Display next value of Sequence sID\_seq.



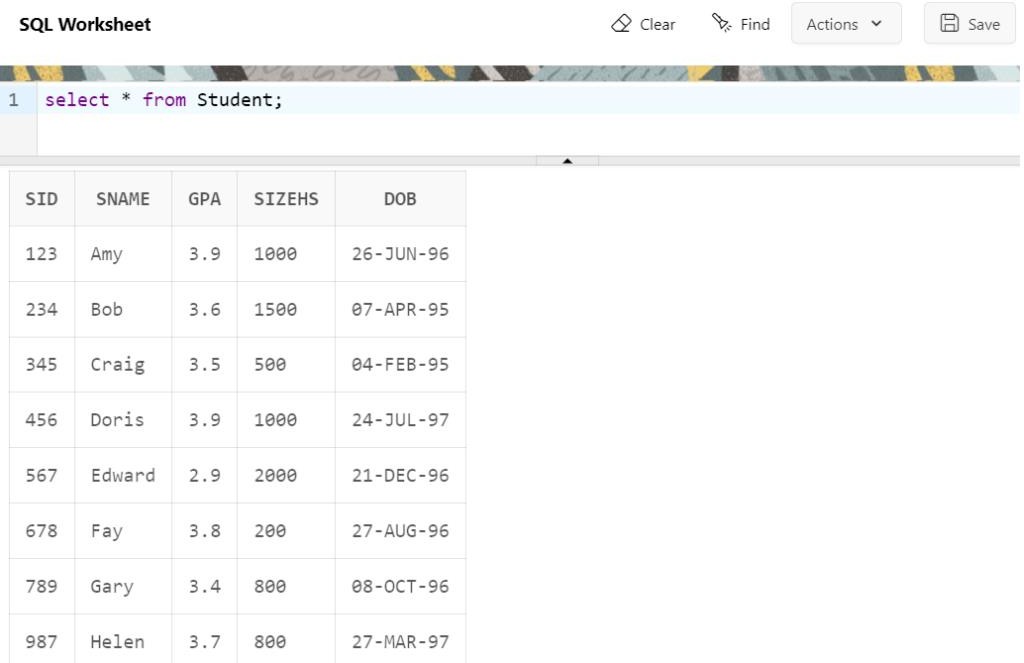
Q9. A new student entered the database named Eric with next sID from sequence sID\_seq having GPA 9.9 , sizeHS 9999, DoB as ’23-Apr98’ to table Student



Q10. Now, another boy registered to our system named Troy with next sID from sequence sID\_seq

having GPA 9.8 and sizeHS 989 and Dob as ’25-Nov-99’.

Q11. Display details of Student table and observe newly inserted Eric and Troy sID.



Q12. Create sequence

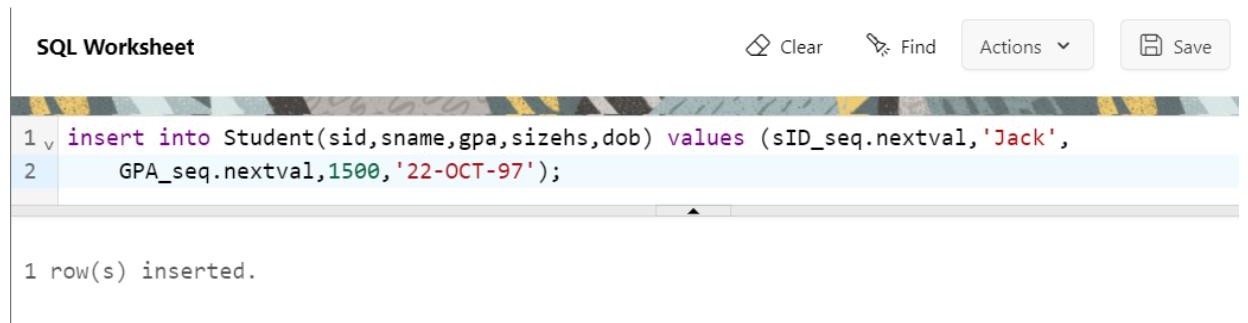
GPA\_seq having maximum value as 5 and min value as 3 you are supposed to start sequence with 5 and decrement the sequence with -1, cycle and no cache.



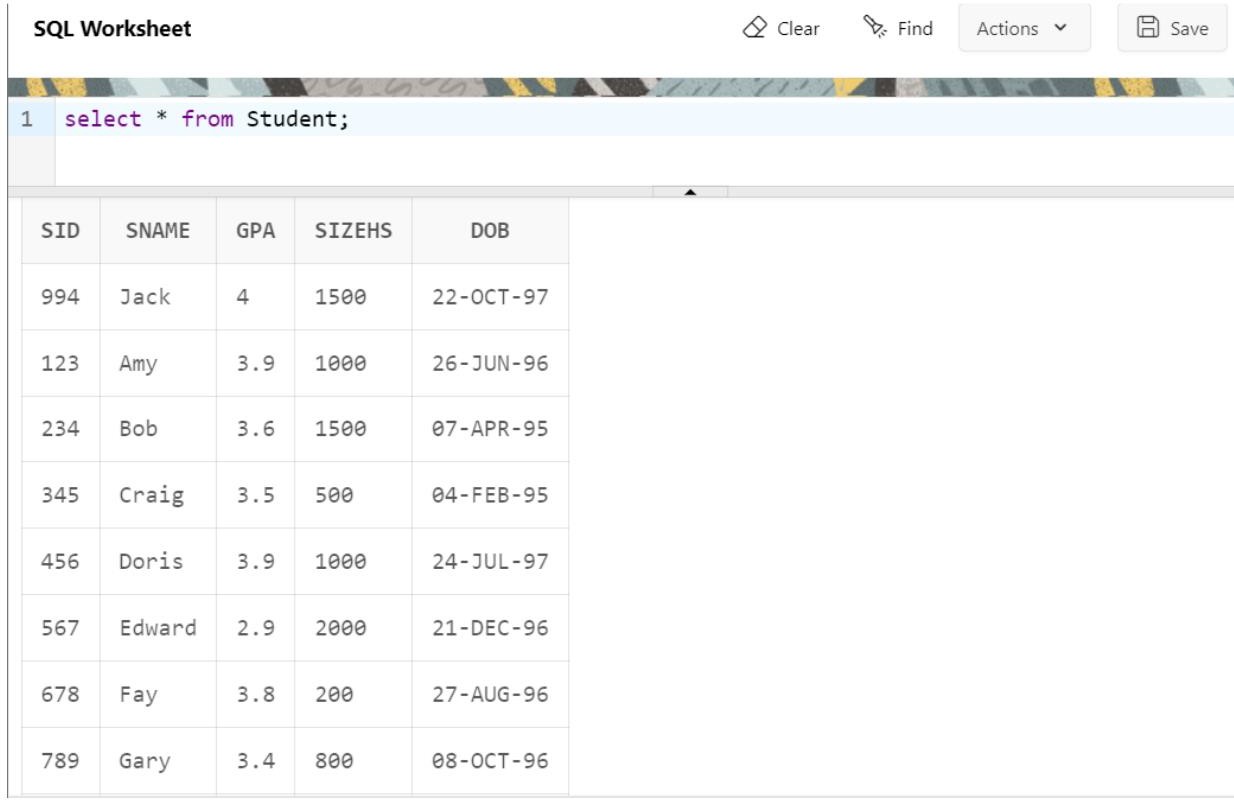
Q13. Update GPA of Eric to next value of sequence GPA\_seq.



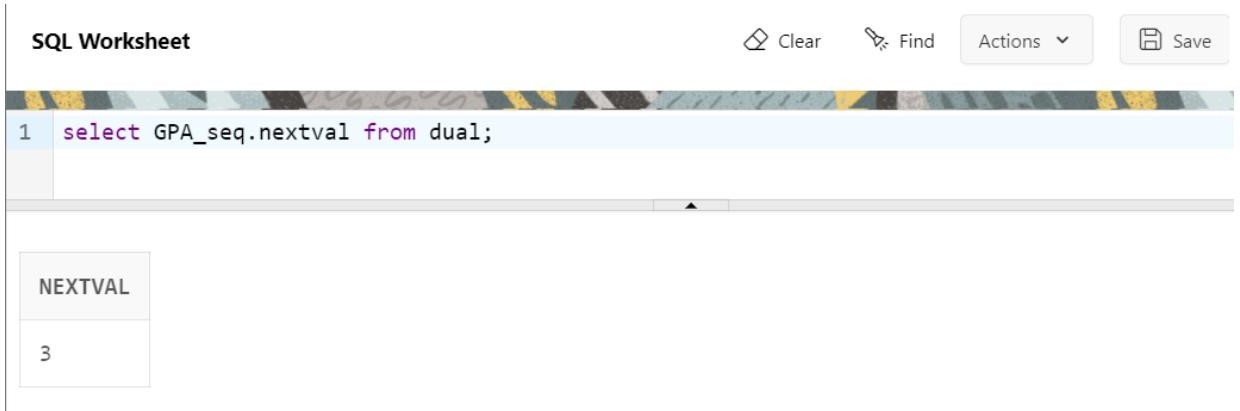
Q14. Insert student Jack with sId from sID\_seq , GPA from GPA\_seq, sizeHS as 1500 and DoB as ’22- OCT-97’.



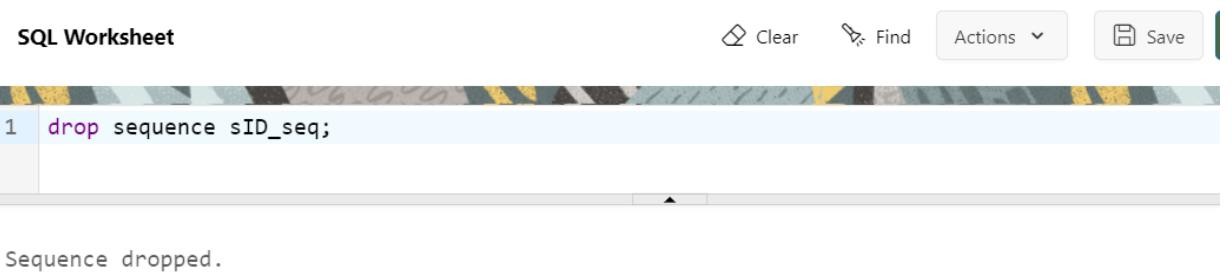
Q15. Display detail of Student Table and observe GPA and sID of Jack.



Q16. Display next value of sequence GPA\_seq.



Q17. Drop sequence sID\_seq.



Q18. Drop sequence GPA\_seq.

