1. SELECT B.BOOK\_ID, B.TITLE, B.PUBLISHER\_NAME, A.AUTHOR\_NAME, C.NO\_OF\_COPIES, L.BRANCH\_ID FROM BOOK B, BOOK\_AUTHORS A, BOOK\_COPIES C, LIBRARY\_BRANCH L WHERE B.BOOK\_ID=A.BOOK\_ID AND B.BOOK\_ID=C.BOOK\_ID AND L.BRANCH\_ID=C.BRANCH\_ID;
2. SELECT CARD\_NO FROM BOOK\_LENDING WHERE DATE\_OUT BETWEEN ’01-JAN-2017’ AND ’01-JUL-2017 GROUP BY CARD\_NO HAVING COUNT (\*)>3;
3. DELETE FROM BOOK WHERE BOOK\_ID=3;
4. CREATE VIEW V\_PUBLICATION AS SELECT PUB\_YEAR FROM BOOK;
5. CREATE VIEW V\_BOOKS AS SELECT B.BOOK\_ID, B.TITLE, C.NO\_OF\_COPIES FROM BOOK B, BOOK\_COPIES C, LIBRARY\_BRANCH L WHERE B.BOOK\_ID=C.BOOK\_ID AND C.BRANCH\_ID=L.BRANCH\_ID;
6. SELECT GRADE, COUNT (DISTINCT CUSTOMER\_ID) FROM CUSTOMER1 GROUP BY GRADE HAVING GRADE > (SELECT AVG(GRADE) FROM CUSTOMER1 WHERE CITY='BANGALORE');
7. SELECT SALESMAN\_ID, NAME FROM SALESMAN A WHERE 1 < (SELECT COUNT (\*) FROM CUSTOMER1 WHERE SALESMAN\_ID=A.SALESMAN\_ID);
8. SELECT SALESMAN.SALESMAN\_ID, NAME, CUST\_NAME, COMMISSION FROM SALESMAN, CUSTOMER1 WHERE SALESMAN.CITY = CUSTOMER1.CITY UNION SELECT SALESMAN\_ID, NAME, 'NO MATCH', COMMISSION FROM SALESMAN WHERE NOT CITY = ANY (SELECT CITY FROM CUSTOMER1) ORDER BY 2 DESC;
9. CREATE VIEW ELITSALESMANAS SELECT B.ORD\_DATE, A.SALESMAN\_ID, A.NAME FROM SALESMAN A, ORDERS B WHERE A.SALESMAN\_ID = B.SALESMAN\_ID AND B.PURCHASE\_AMT=(SELECT MAX (PURCHASE\_AMT) FROM ORDERS C WHERE C.ORD\_DATE = B.ORD\_DATE);
10. DELETE FROM SALESMAN WHERE SALESMAN\_ID=1000;
11. SELECT MOV\_TITLE FROM MOVIES WHERE DIR\_ID IN (SELECT DIR\_ID FROM DIRECTOR WHERE DIR\_NAME = ‘HITCHCOCK’);
12. SELECT MOV\_TITLE FROM MOVIES M, MOVIE\_CAST MV WHERE M.MOV\_ID=MV.MOV\_ID AND ACT\_ID IN (SELECT ACT\_ID FROM MOVIE\_CAST GROUP BY ACT\_ID HAVING COUNT (ACT\_ID)>1) GROUP BY MOV\_TITLE HAVING COUNT (\*)>1;
13. SELECT ACT\_NAME, MOV\_TITLE, MOV\_YEAR FROM ACTOR A JOIN MOVIE\_CAST C ON A.ACT\_ID=C.ACT\_ID JOIN MOVIES M ON C.MOV\_ID=M.MOV\_ID WHERE M.MOV\_YEAR NOT BETWEEN 2000 AND 2015;
14. SELECT MOV\_TITLE, MAX (REV\_STARS) FROM MOVIES INNER JOIN RATING USING (MOV\_ID) GROUP BY MOV\_TITLE HAVING MAX (REV\_STARS)>0 ORDER BY MOV\_TITLE;
15. UPDATE RATING SET REV\_STARS=5 WHERE MOV\_ID IN (SELECT MOV\_ID FROM MOVIES WHERE DIR\_ID IN (SELECT DIR\_ID FROM DIRECTOR WHERE DIR\_NAME = ‘STEVEN SPIELBERG’));
16. SELECT S.\*, SS.SEM, SS.SEC FROM STUDENT S, SEMSEC SS, CLASS C WHERE S.USN = C.USN AND SS.SSID = C.SSID AND SS.SEM = 4 AND SS.SEc=’C’;
17. SELECT SS.SEM, SS.SEC, S.GENDER, COUNT (S.GENDER) AS COUNT FROM STUDENT1 S, SEMSEC SS, CLASS C WHERES.USN = C.USN AND SS.SSID = C.SSID GROUP BY SS.SEM, SS.SEC, S.GENDER ORDER BY SEM;
18. CREATE VIEW STU\_TEST1\_MARKS\_VIEW AS SELECT TEST1, SUBCODE FROM IAMARKS WHERE USN = '1RN13CS091';
19. UPDATE IAMARKS SET FINALIA=GREATEST(TEST1+TEST2,TEST2+TEST3,TEST3+TEST1)/2;
20. SELECT S.USN,S.SNAME,S.ADDRESS,S.PHONE,S.GENDER, (CASE WHEN IA.FINALIA BETWEEN 17 AND 20 THEN 'OUTSTANDING' WHEN IA.FINALIA BETWEEN 12 AND 16 THEN 'AVERAGE' ELSE 'WEAK' END) AS CAT FROM STUDENT S, SEMSEC SS, IAMARKS IA, SUBJECT SUB WHERE S.USN = IA.USN AND SS.SSID = IA.SSID AND SUB.SUBCODE = IA.SUBCODE AND SUB.SEM = 8;
21. (SELECT DISTINCT P.PNO FROM PROJECT P, DEPARTMENT D, EMPLOYEE E WHERE E.DNO=D.DNO AND D.MGRSSN=E.SSN AND E.LNAME=’SCOTT’) UNION (SELECT DISTINCT P1.PNO FROM PROJECT P1, WORKS\_ON W, EMPLOYEE E1 WHERE P1.PNO=W.PNO AND E1.SSN=W.SSN AND E1.LNAME=’SCOTT’);
22. SELECT E.FNAME, E.LNAME, 1.1\*E.SALARY AS INCR\_SAL FROM EMPLOYEE E, WORKS\_ON W, PROJECT P WHERE E.SSN=W.SSN AND W.PNO=P.PNO AND P.PNAME=’IOT’;
23. SELECT SUM (E.SALARY), MAX (E.SALARY), MIN (E.SALARY), AVG (E.SALARY) FROM EMPLOYEE E, DEPARTMENT D WHERE E.DNO=D.DNO AND D.DNAME=’ACCOUNTS’;
24. SELECT E.FNAME, E.LNAME FROM EMPLOYEE E WHERE NOT EXISTS((SELECT PNO FROM PROJECT WHERE DNO=’5’) EXCEPT(SELECT PNO FROM WORKS\_ON WHERE E.SSN=SSN));
25. SELECT D.DNO, COUNT (\*) FROM DEPARTMENT D, EMPLOYEE E WHERE D.DNO=E.DNO AND E.SALARY>600000 AND D.DNO IN (SELECT E1.DNO FROM EMPLOYEE E1 GROUP BY E1.DNO HAVING COUNT (\*)>5) GROUP BY D.DNO;