SQL ASSESSMENT PROJECT-1

3. Select EMP\_ID, FIRST\_NAME, LAST\_NAME, GENDER, DEPT from sample.emp\_records\_table;

4. SELECT EMP\_ID, FIRST\_NAME, LAST\_NAME, GENDER, DEPT, EMP\_RATING from sample.emp\_record\_table

where EMP\_RATING < 2;

4. SELECT EMP\_ID, FIRST\_NAME, LAST\_NAME, GENDER, DEPT, EMP\_RATING from sample.emp\_record\_table

where EMP\_RATING > 4;

4. SELECT EMP\_ID, FIRST\_NAME, LAST\_NAME, GENDER, DEPT, EMP\_RATING from sample.emp\_record\_table

where EMP\_RATING between 2 and 4;

5. SELECT concat(FIRST\_NAME, ' ', LAST\_NAME) as NAME from sample.emp\_record\_table where DEPT = 'FINANCE';

6. SELECT EMP\_ID, FIRST\_NAME, LAST\_NAME from sample.emp\_record\_table group by MANAGER\_ID ;

select count(EMP\_ID) from sample.emp\_record\_table;

7. select EMP\_ID, FIRST\_NAME, LAST\_NAME from sample.emp\_record\_table where DEPT = 'HEALTHCARE'

union select EMP\_ID, FIRST\_NAME, LAST\_NAME from sample.emp\_record\_table where DEPT = 'FINANCE';

8. select EMP\_ID, FIRST\_NAME, LAST\_NAME, ROLE, DEPT, max(EMP\_RATING) over (partition by DEPT) from sample.emp\_record\_table ;

9.SELECT min(salary), max(salary), ROLE from sample.emp\_record\_table group by ROLE ;

10. SELECT EMP\_ID, FIRST\_NAME, LAST\_NAME, EMP\_RATING, RANK() over (order by EMP\_RATING) EMP\_RATINGrank from sample.emp\_record\_table ;

11. SELECT EMP\_ID, FIRST\_NAME, LAST\_NAME, EXP, RANK() over (order by EXP)emp\_exp\_ranking from sample.emp\_record\_table ;

12. CREATE VIEW emp\_recordview as select EMP\_ID, FIRST\_NAME, LAST\_NAME, SALARY, COUNTRY from sample.emp\_records\_table where SALARY > 6000 ;

13. select EMP\_ID, FIRST\_NAME, LAST\_NAME, EXP from sample.emp\_record\_table where EXP in (select EXP from sample.emp\_record\_table where EXP > 10) ;

14. delimiter &&

create procedure sp\_sortbyexp()

begin

select EMP\_ID, FIRST\_NAME, LAST\_NAME, EXP from sample.emp\_record\_table where EXP > 3 ;

end &&

delimiter ;

call sp\_sortbyexp() ;

15. DROP PROCEDURE IF EXISTS getemprole4 ;

DELIMITER $$

CREATE PROCEDURE getemprole4 (IN eid varchar(4), OUT ROLE VARCHAR(50))

begin

DECLARE EXP INT DEFAULT 1;

select EXP into ROLE

from sample.data\_science\_team where EMP\_ID = eid;

CASE EXP

WHEN '< = 2 'THEN

SET ROLE = 'JUNIOR DATA SCIENTIST';

WHEN '>2, <5' THEN

SET ROLE = ' ASSOCIATE DATA SCIENTIST';

WHEN ' >5, <10' THEN

SET ROLE = 'SENIOR DATA SCIENTIST';

WHEN '>10, <12' THEN

SET ROLE = 'LEAD DATA SCIENTIST';

WHEN '>12, < 16' THEN

SET ROLE = 'MANAGER' ;

ELSE

BEGIN

SET ROLE = 'INVALID' ;

END ;

END CASE;

END$$