------------------ASSIGNMENT-SQL-------------------

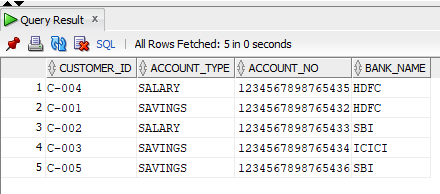
QUERIES(1-10)

1.\*Write a query which will display the customer id, account type they hold, their account number and bank name.

SELECT A.CUSTOMER\_ID,A.ACCOUNT\_TYPE,A.ACCOUNT\_NO,B.BANK\_NAME

FROM ACCOUNT\_INFO A,BANK\_INFO B

WHERE A.IFSC\_CODE=B.IFSC\_CODE;

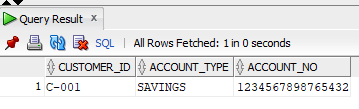


2.\*Write a query which will display the customer id, account type and the account number of HDFC customers who registered after 12-JAN-2012 and before 04-APR-2012.

SELECT CUSTOMER\_ID,ACCOUNT\_TYPE,ACCOUNT\_NO

FROM ACCOUNT\_INFO A

WHERE IFSC\_CODE=(SELECT IFSC\_CODE FROM BANK\_INFO WHERE BANK\_NAME='HDFC') AND REGISTRATION\_DATE BETWEEN '12-JAN-2012' AND '04-APR-2012';

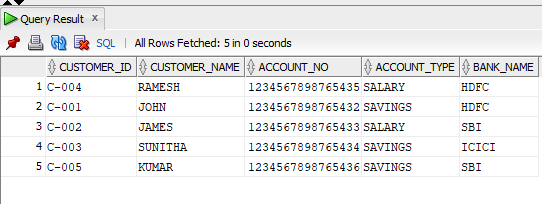


3.\*Write a query which will display the customer id, customer name, account no, account type and bank name where the customers hold the account.

SELECT C.CUSTOMER\_ID,C.CUSTOMER\_NAME,A.ACCOUNT\_NO,A.ACCOUNT\_TYPE,B.BANK\_NAME

FROM CUSTOMER\_PERSONAL\_INFO C,ACCOUNT\_INFO A,BANK\_INFO B

WHERE C.CUSTOMER\_ID=A.CUSTOMER\_ID AND A.IFSC\_COED=B.IFSC\_CODE;



4.\*Write a query which will display the customer id, customer name, gender, marital status along with the unique reference string and

sort the records based on customer id in descending order. <br/>

<br/><b>Hint: </b>Generate unique reference string as mentioned below

:

<br/> CustomerName\_Gender\_MaritalStatus

<br/><b> Example, </b>

<br/> C-005 KUMAR M SINGLE KUMAR\_M\_SINGLE

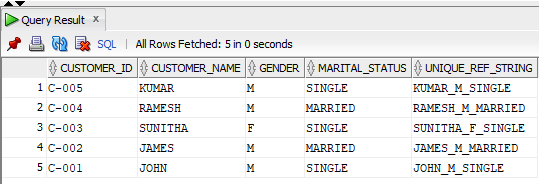
<BR/>

Use ""UNIQUE\_REF\_STRING"" as alias name for displaying the unique reference string."

SELECT CUSTOMER\_ID,CUSTOMER\_NAME,GENDER,MARITAL\_STATUS,CUSTOMER\_NAME||"\_"||GENDER||"\_"||MARITAL\_STATUS AS UNIQUE\_REF\_STRING

FROM CUSTOMER\_PERSONAL\_INFO

ORDER BY CUSTOMER\_ID DESC;

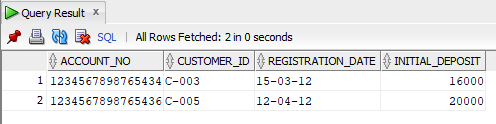


5.\*Write a query which will display the account number, customer id, registration date, initial deposit amount of the customer whose initial deposit amount is within the range of Rs.15000 to Rs.25000.

SELECT ACCOUNT\_NO,CUSTOMER\_ID,REGISTRATION\_DATE,INITIAL\_DEPOSIT

FROM ACCOUNT\_INFO

WHERE INITIAL\_DEPOSIT BETWEEN 15000 AND 25000;

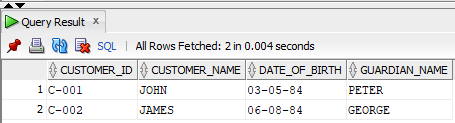


6.\*Write a query which will display customer id, customer name, date of birth, guardian name of the customers whose name starts with 'J'.

SELECT CUSTOMER\_ID,CUSTOMER\_NAME,DATE\_OF\_BIRTH,GUARDIAN\_NAME

FROM CUSTOMER\_PERSONAL\_INFO

WHERE CUSTOMER\_NAME LIKE 'J%';



7.\*Write a query which will display customer id, account number and passcode.

<br/>

Hint: To generate passcode, join the last three digits of customer id and last four digit of account number.

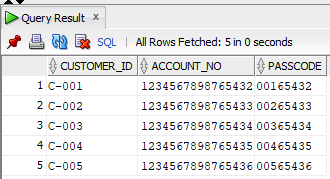
<br/>Example

<br/>C-001 1234567898765432 0015432

<br/>Use ""PASSCODE"" as alias name for displaying the passcode."

SELECT CUSTOMER\_ID,ACCOUNT\_NO,SUBSTR(CUSTOMER\_ID,'-',3)||SUBSTR(ACCOUNT\_NO,12,4) AS PASSCODE

FROM ACCOUNT\_INFO;



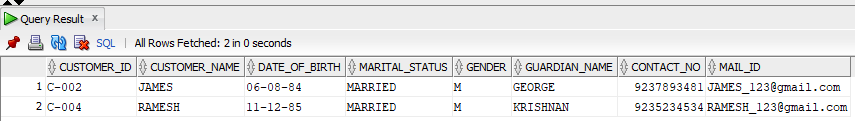
8.\*Write a query which will display the customer id, customer name, date of birth, Marital Status, Gender, Guardian name,

contact no and email id of the customers whose gender is male 'M' and marital status is MARRIED.

SELECT CUSTOMER\_ID,CUSTOMER\_NAME,DATE\_OF\_BIRTH,MARITAL\_STATUS,GENDER,GUARDIAN\_NAME,CONTACT\_NO,MAIL\_ID

FROM CUSTOMER\_PERSONAL\_INFO

WHERE GENDER='M' AND MARITAL\_STATUS='MARRIED';



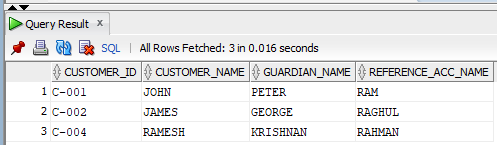
9.\*Write a query which will display the customer id, customer name, guardian name, reference account holders name of the customers

who are referenced / referred by their 'FRIEND'.

SELECT C.CUSTOMER\_ID,C.CUSTOMER\_NAME,C.GUARDIAN\_NAME,R.REFERENCE\_ACC\_NAME

FROM CUSTOMER\_PERSONAL\_INFO C, CUSTOMER\_REFERENCE\_INFO R

WHERE C.CUSTOMER\_ID=R.CUSTOMER\_ID AND RELATION='FRIEND';



10.\*Write a query to display the customer id, account number and interest amount in the below format with INTEREST\_AMT as alias name

Sort the result based on the INTEREST\_AMT in ascending order. <BR/>Example:

$5<BR/>Hint: Need to prefix $ to interest amount and round the result without decimals.

SELECT CUSTOMER\_ID,ACCOUNT\_NO,$||ROUND((INTEREST/100)\*INITIAL\_DEPOSIT) AS INTEREST\_AMOUNT

FROM ACCOUNT\_INFO

ORDER BY INTEREST\_AMOUNT;

