**SQL Assessment 2**

**1. Write a query to display account number, customer’s number, customer’s firstname, lastname, account opening date. Display the records sorted in ascending order based on account number.**

select am.account\_number,cm.customer\_number,cm.firstname,cm.lastname,am.account\_opening\_date from customer\_master cm

join account\_master am

on cm.customer\_number=am.customer\_number

order by

am.account\_number asc

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**2. Write a query to display the number of customer’s from Delhi. Give the count an alias name of Cust\_Count.**

select count(CUSTOMER\_NUMBER) AS count\_of\_customers from customer\_master

where CUSTOMER\_CITY = 'DELHI'

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**3. Write a query to display the customer number, customer firstname, account number for the customer’s whose accounts were created after 15th of any month. Display the records sorted in ascending order based on customer number and then by account number.**

select c.CUSTOMER\_NUMBER, c.FIRSTNAME, c.lastname, a.account\_number

from customer\_master c join account\_master a

on a.CUSTOMER\_NUMBER = c.CUSTOMER\_NUMBER

where DAY(a.account\_opening\_date) > 15

order by c.CUSTOMER\_NUMBER, a.account\_number;

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**4.Write a query to display the number of customers who have registration but no account in the bank. Give the alias name as Count\_Customer for number of customers.**

SELECT COUNT(cm.CUSTOMER\_NUMBER) AS Count\_Customer

FROM customer\_master cm

LEFT JOIN account\_master am

ON cm.CUSTOMER\_NUMBER = am.customer\_number

WHERE am.account\_number IS NULL;

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**5. Write a query to display the total number of withdrawals and total number of deposits being done by customer whose customer number ends with 001. The query should display transaction type and the number of transactions. Give an alias name as Trans\_Count for number of transactions. Display the records sorted in ascending order based on transaction type.**

SELECT

td.transaction\_type,

COUNT(td.transaction\_number) AS Trans\_Count

FROM

transaction\_details td

JOIN

account\_master am ON td.account\_number = am.account\_number

JOIN

customer\_master cm ON am.customer\_number = cm.CUSTOMER\_NUMBER

WHERE

cm.CUSTOMER\_NUMBER LIKE '%001'

GROUP BY

td.transaction\_type

ORDER BY

td.transaction\_type ASC;

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