**Week-2 Assessment**

**1Q.** **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.**

**Ans.** select a.account\_number, a.customer\_number, b.firstname, b.lastname, a.account\_opening\_date From account\_master a join customer\_master b on a.customer\_number = b.customer\_number order by a.account\_number asc;

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

**Ans.** select count(customer\_number) as cust\_count from customer\_master where CUSTOMER\_CITY="DELHI";

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**3Q. 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.**

**Ans.** select b.customer\_number, b.firstname, a.account\_number from account\_master a join customer\_master b on a.customer\_number = b.customer\_number where DAY(a.account\_opening\_date) > 15 order by b.customer\_number ASC, a.account\_number asc;

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**4Q. 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.**

**Ans.** select count(b.customer\_number) as Count\_Customer from customer\_master b left join account\_master a on b.customer\_number = a.customer\_number where a.account\_number is null;

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**5Q. 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.**

**Ans.** 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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