**Task 2**

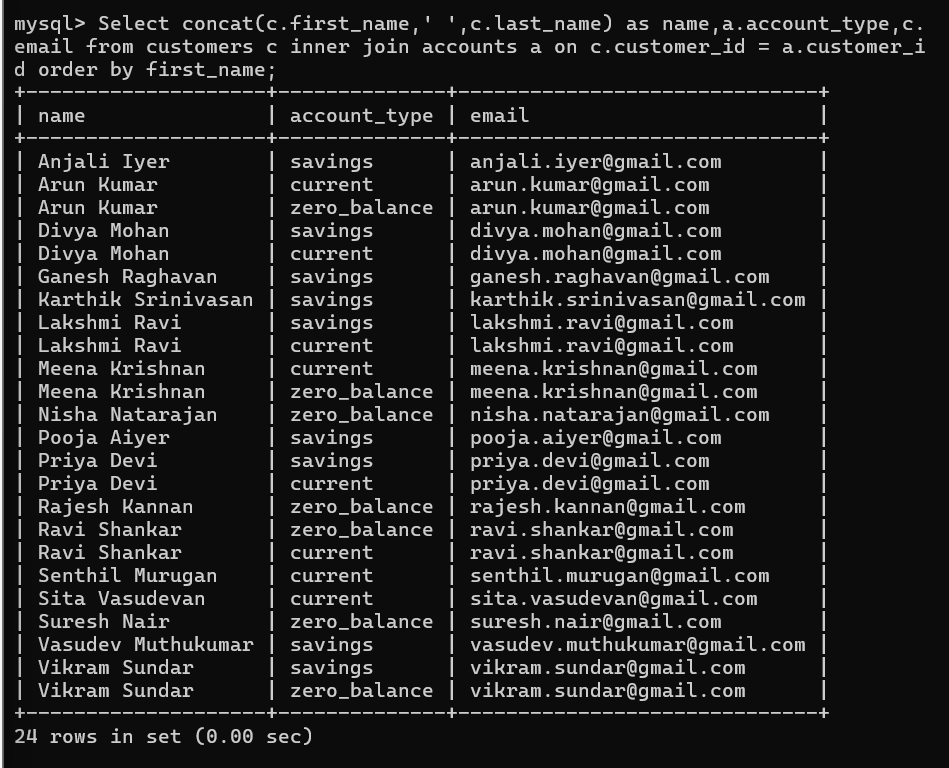
1. Write a SQL query to retrieve the name, account type and email of all customers

**Select concat(c.first\_name,' ',c.last\_name) as name,a.account\_type,c.email**

**from customers c inner join accounts a**

**on c.customer\_id = a.customer\_id**

**order by first\_name;**

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2. Write a SQL query to list all transaction corresponding customer

**SELECT c.customer\_id,**

**c.first\_name,**

**c.last\_name,**

**t.transaction\_id,**

**t.transaction\_type,**

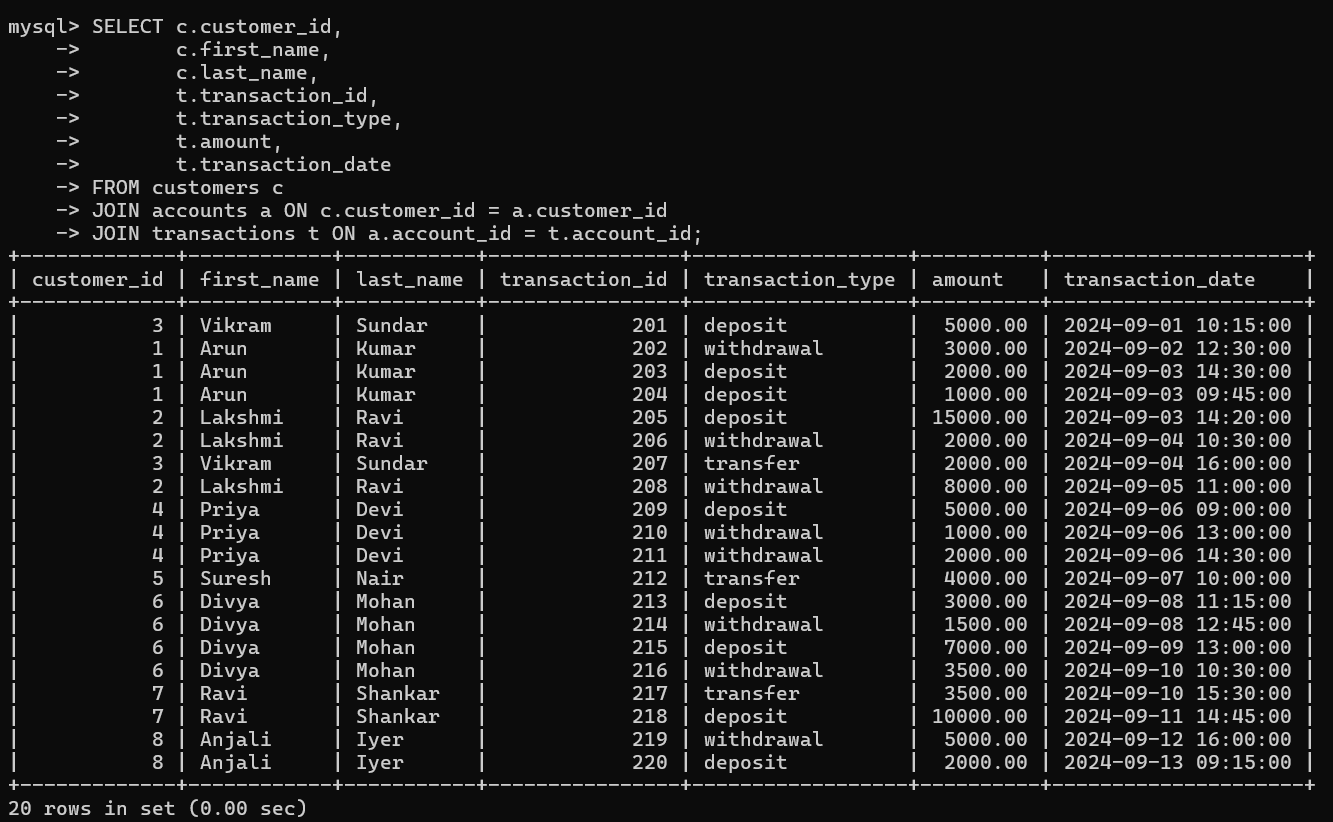
**t.amount,**

**t.transaction\_date**

**FROM customers c**

**JOIN accounts a ON c.customer\_id = a.customer\_id**

**JOIN transactions t ON a.account\_id = t.account\_id;**

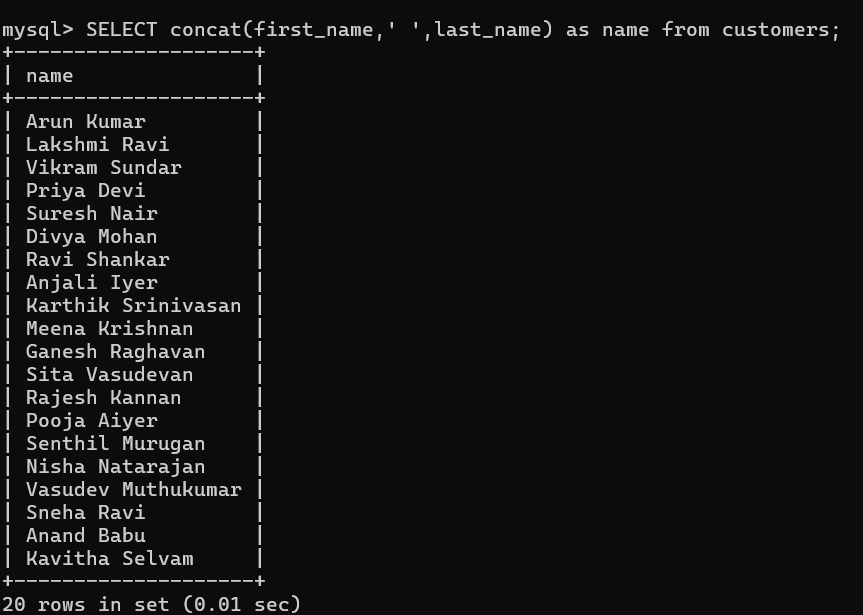
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3. Write a SQL query to increase the balance of a specific account by a certain amount.

**update accounts set balance = balance + 1000 Where account\_id = 111;**

4. Write a SQL query to Combine first and last names of customers as a full\_name.

**SELECT concat(first\_name,' ',last\_name) as name from customers;**

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5. Write a SQL query to remove accounts with a balance of zero where the account type is savings

**DELETE FROM accounts WHERE account\_type='savings' and balance=0;**

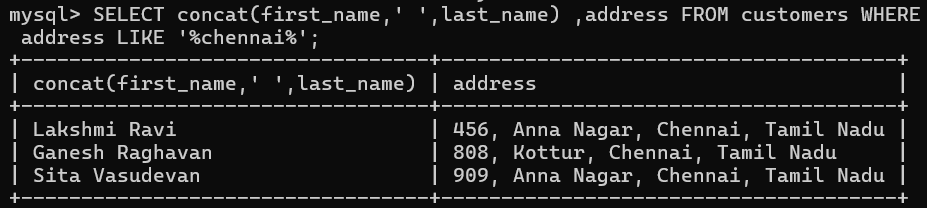
6. Write a SQL query to Find customers living in a specific city.

**SELECT concat(first\_name,' ',last\_name), address**

**FROM customers**

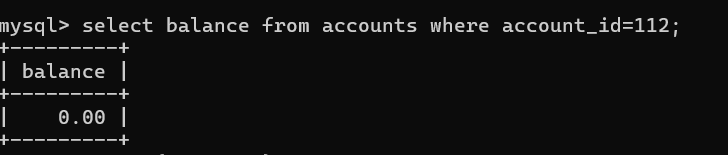
**WHERE address**

**LIKE '%chennai%';**

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7. Write a SQL query to Get the account balance for a specific account

**select balance from accounts where account\_id=112;**

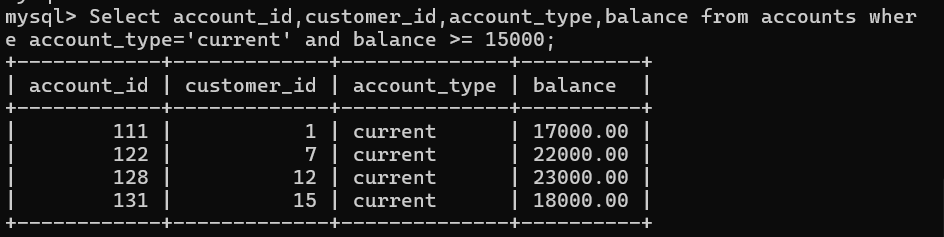
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8. Write a SQL query to List all current accounts with a balance greater than $1,000.

**Select account\_id,customer\_id,account\_type,balance**

**from accounts**

**where account\_type='current' and balance >= 15000**;

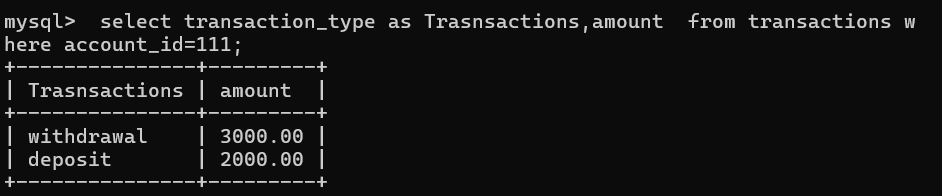


9. Write a SQL query to Retrieve all transactions for a specific account

**select transaction\_type as Trasnsactions,amount**

**from transactions**

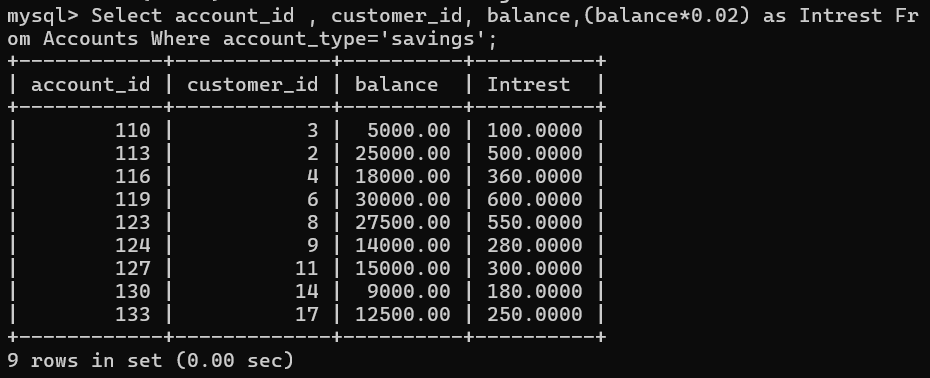
**where account\_id=111;**

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10. Write a SQL query to Calculate the interest accrued on savings accounts based on a given interest rate.

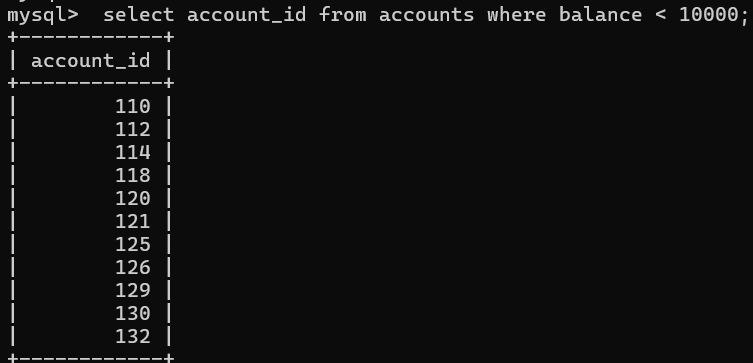
**Select account\_id , customer\_id, balance,(balance\*0.02) as Intrest**

**From Accounts Where account\_type=’savings’;**

****

11. Write a SQL query to Identify accounts where the balance is less than a specified overdraft limit.

**select account\_id from accounts where balance < 10000;**

****

12. Write a SQL query to Find customers not living in a specific city.

**SELECT concat(first\_name,' ',last\_name) as name**

**FROM customers**

**where address not like '%chennai%';**

