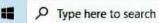


24°C Haze 08-12-2023

```
O
MySQL 8.0 Command Line Client
Copyright (c) 2000, 2023, Oracle and/or its affiliates.
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affiliates. Other names may be trademarks of their respective
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> use HMbank;
Database changed
mysql> CREATE TABLE Customers (
          customer id int primary key,
          first name text,
          last name text,
          DOB DATE.
          email text,
          phone number VARCHAR(20),
          address text
Query OK, 0 rows affected (3.75 sec)
mysql> CREATE TABLE Accounts (
          account id INT PRIMARY KEY,
          customer id INT,
          account_type VARCHAR(50),
          balance DECIMAL(10, 2),
          FOREIGN KEY (customer_id) REFERENCES Customers(customer id)
Query OK, 0 rows affected (2.07 sec)
mysql> CREATE TABLE Transactions (
          transaction id INT PRIMARY KEY,
          account id INT,
          transaction type VARCHAR(50),
          amount DECIMAL(10, 2),
          transaction_date DATE,
          FOREIGN KEY (account_id) REFERENCES Accounts(account_id)
Query OK, 0 rows affected (0.83 sec)
mysql>
       P Type here to search
                                                                                                                 26°C Mostly clear
                                                                                                                                                              08-12-2023
```

MySQL 8.0 Command Line Client mysql> /*Calculate the interest accrued on savings accounts based on a given interest rate*/ mysql> SELECT account id, balance * 0.05 AS interest accrued FROM accounts WHERE account type = 'savings'; account id | interest accrued 101 250.0000 103 375.0000 105 300.0000 3 rows in set (0.05 sec) mysql> /*Identify accounts where the balance is less than a specified overdraft limit.*/ mysql> SELECT * FROM accounts WHERE balance < -500; Empty set (0.09 sec) mysql> /* Find customers not living in a specific city.*/ mysql> SELECT * FROM Customers WHERE address NOT LIKE '%specific city%'; customer id | first name | last name | DOB phone_number | address sharath@gmail.com sharath akula 1990-05-15 1234567890 123 Main St akula1 1985-08-22 sharath1@gmail.com | 9876543210 sharath1 456 Oak Ave sharath2@gmail.com 5551234567 sharath2 akula2 1978-11-30 789 Pine Ln sharath3 akula3 1995-09-18 sharath3@gmail.com | 7778889999 321 Maple St 1980-03-12 | sharath4@gmail.com | 1112223333 sharath4 akula4 987 Cedar Rd 5 rows in set (0.06 sec) mysql>

































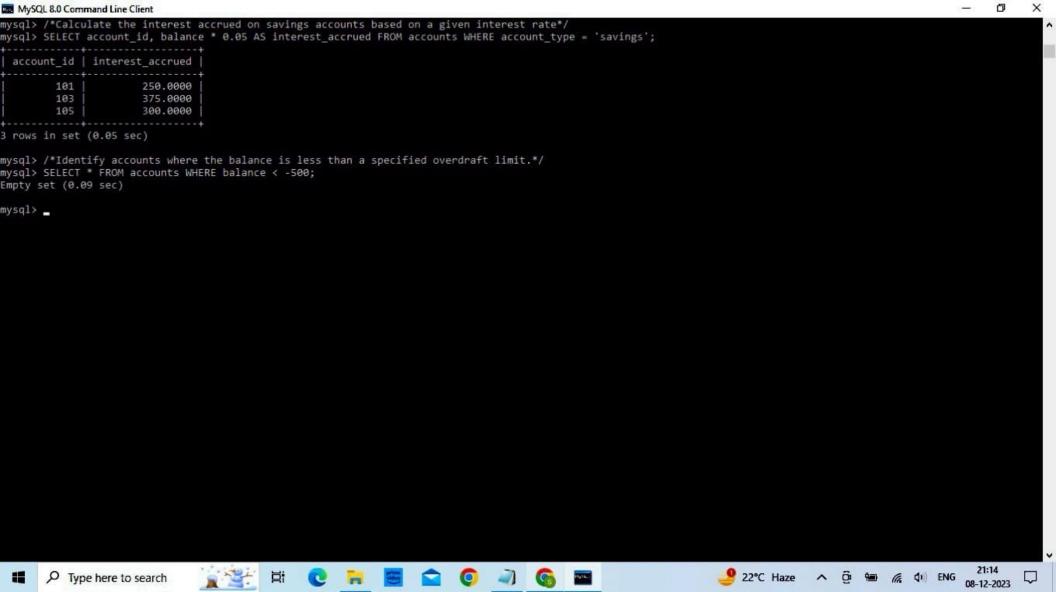












MySQL 8.0 Com	mand Line Client						 			9 8	đ	×
3 4 5		akula3 1	1995-09-18	sharath2@gmail.com sharath3@gmail.com sharath4@gmail.com		789 Pine Ln 321 Maple St 987 Cedar Rd						^
5 rows in set	(0.02 sec)	++	++-		+	+						
mysql> SELECT Empty set (0.6		ers WHERE addre	ess LIKE '%sp	ecific_city%';								
	balance FROM A	alance for a sp Accounts WHERE										
mysql> SELECT	* FROM accoun	nts;										
account_id	customer_id	account_type	balance									
101 102 103 104 105 5 rows in set	2 3 4 5	savings current savings current savings	5000.00 10000.00 7500.00 3000.00 6000.00									
mysql> SELECT balance 5000.00 1 row in set (Accounts WHERE	customer_id	- 1;								
mysql> SELECT	* FROM Accoun		nt_type = 'cu	ater than \$1,000.*/ rrent' AND balance	> 1000;							
	customer_id	account_type	balance									
102 104	2 4	current current	10000.00									
2 rows in set	(0.07 sec)	actions for a s		unt*/								J
West 1500 to 1	be here to search	The second second	Ħ C	= =	O 🔊 (Tapa.	9 22°C Haze	^ @ 4	a (40)	ENG 21:		J