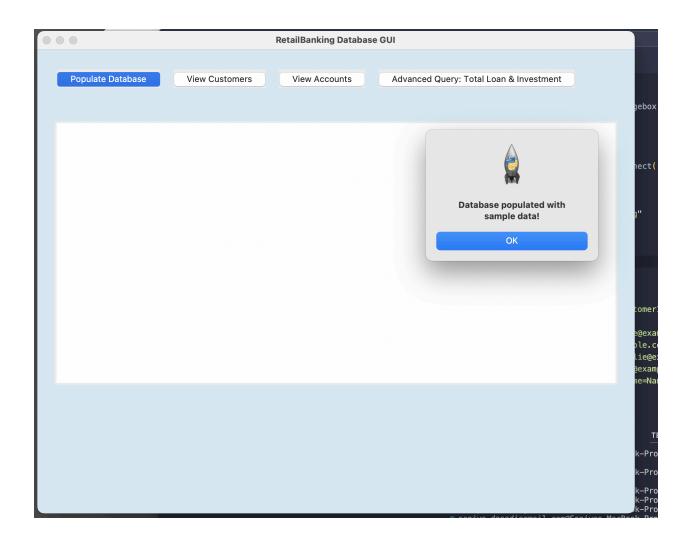
```
import tkinter as tk
from tkinter import ttk, messagebox
import mysql.connector
from tabulate import tabulate
def connect db():
      database="RetailBanking"
def populate_database():
  cursor = db.cursor()
AccountStatus)
'1985-05-20', 'Active'),
   (2, 'Bob Smith', 'bob@example.com', '456 Oak St', '123-555-7890', '1990-11-15',
'Active'),
   (3, 'Charlie Brown', 'charlie@example.com', '789 Pine St', '123-777-8888',
'1988-09-25', 'Inactive'),
   (4, 'Daisy Carter', 'daisy@example.com', '321 Birch St', '987-654-3210',
'1995-07-30', 'Active')
  ON DUPLICATE KEY UPDATE Name=Name;
Status)
   (101, 1, 'Savings', 5000.00, '2023-01-01', 'Open'),
  (102, 2, 'Checking', 3000.00, '2023-02-10', 'Open'),
  ON DUPLICATE KEY UPDATE AccountType=AccountType;
```

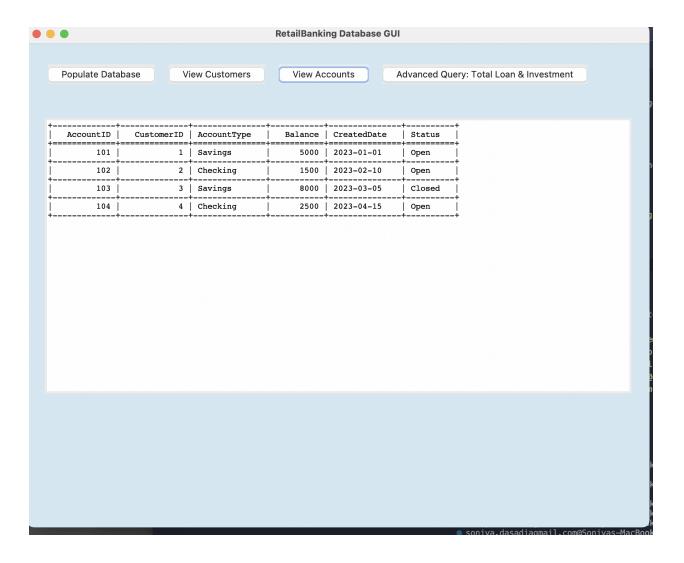
```
messagebox.showinfo("Success", "Database populated with sample data!")
def execute query(query, headers, text box):
def create gui():
  root.config(bg="#D3EAF5")
column=0, padx=10, pady=10)
font=("Courier", 12))
```

```
headers = ["CustomerID", "Name", "Email", "Address", "PhoneNumber",
"DateOfBirth", "AccountStatus"]
      query = "SELECT * FROM Accounts;"
      headers = ["AccountID", "CustomerID", "AccountType", "Balance", "CreatedDate",
"Status"]
             SUM(i.Amount) AS TotalInvestments
      FROM Loans 1
      JOIN Customers cu ON 1.CustomerID = cu.CustomerID
      LEFT JOIN Investments i ON l.CustomerID = i.CustomerID
  ttk.Button(frame, text="Advanced Query: Total Loan & Investment",
command=advanced queries).grid(row=0, column=3, padx=10, pady=10)
if name == " main ":
```

•	F	RetailBanking Database	GUI	
Populate Database	View Customers	View Accounts	Advanced Query: Total Loan & Investment	,
				,
				3
				:
				e D L <u>a</u> n
			◯ soniya.dasadiagmail.com@§	k k Sonivas-MacBook



• •		RetailB	anking Database (	BUI		
Populate Databas	se View	Customers View	w Accounts	Advanced Query	: Total Loan & Inve	estment
+   CustomerID   No	ame	Email	Address	PhoneNumber	DateOfBirth	AccountStatus
+ 1   A	lice Johnson	alice.j@example.com	123 Main St	123-456-7890	1985-05-20	+   Active
+   2   Bo	ob Smith	bob.smith@example.com	n   456 Oak St	123-555-7890	1990-11-15	Active
+   3   Cl	harlie Brown	charlie@example.com	789 Pine St	123-777-8888	1988-09-25	Inactive
+   4   Da	aisy Carter	daisy@example.com	321 Birch St	987-654-3210	1995-07-30	Active
+						



			RetailBanking Database	e GUI
Populate Datal	base Viev	v Customers	View Accounts	Advanced Query: Total Loan & Investment
	+	++	+	
CustomerID		TotalLoans	TotalInvestments	
1			20000	
2	Bob Smith	200000	5000	
3	Charlie Brown	15000	į	
	T	++	+	