

```
banking_gui.py > load_data
1 import tkinter as tk
import messagebox, simpledialog, ttk
os
import datetime

"data.json"

----- Helper Functions -----

def load_data():
    if os.path.exists(DATA_FILE):
        with open(DATA_FILE, "r") as file:
            data = json.load(file)
    else:
        data = {}
    return data

def save_data(data):
    with open(DATA_FILE, "w") as file:
        json.dump(data, file, indent=4)

def get_account_number(data):
    last_acc = max(int(acc) for acc in data.keys())
    return str(last_acc + 1)

# ----- Core Banking Logic -----
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\vishw\AppData\Roaming\Python\Python314\Scripts> python banking_gui.py
```

Banking Management System

## Banking Management System

Create Account

Deposit Money

Withdraw Money

Check Balance

View Transactions

Exit

Enter Full Name:

vishu

OK Cancel

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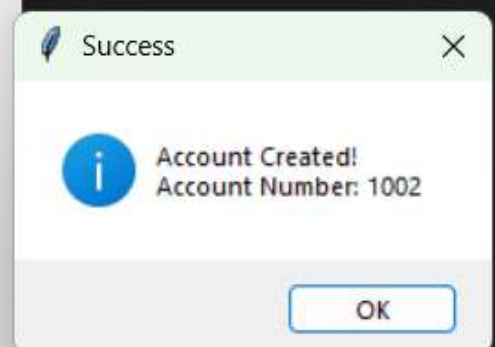
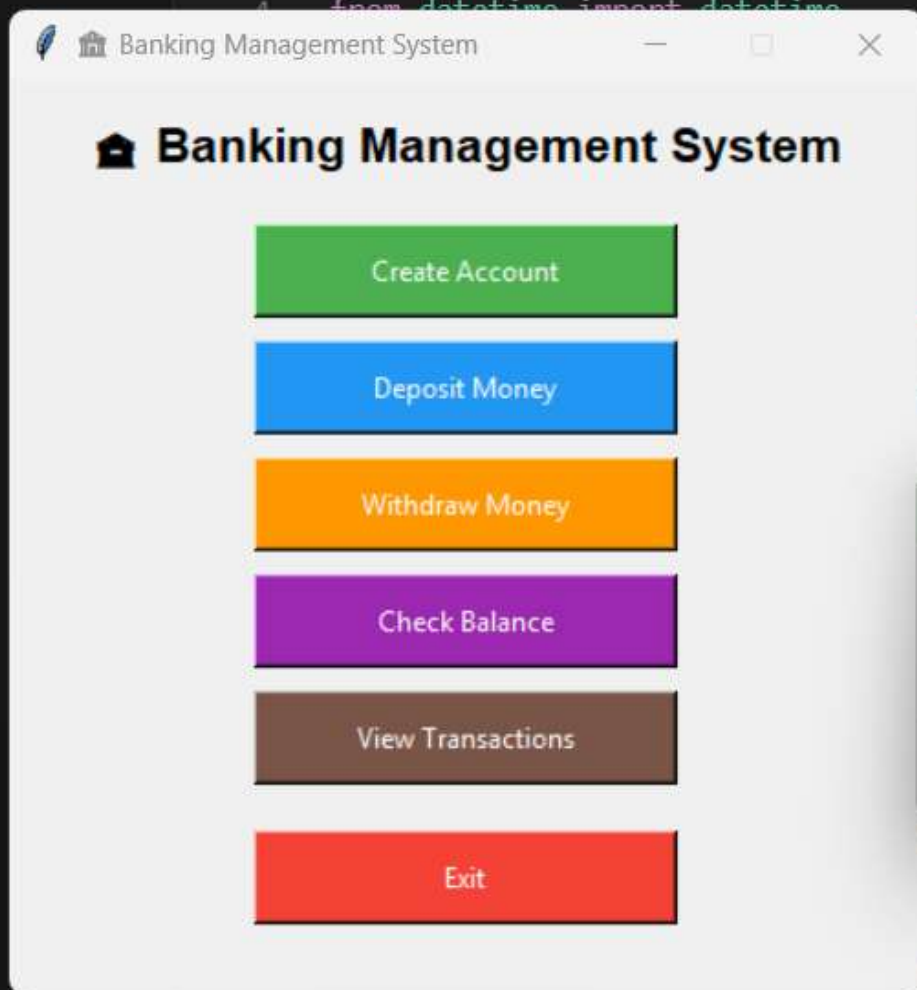
Set a 4-digit PIN:

\*\*\*\*

OK Cancel

```
27
28 def create_account():
29     name = simpledialog.askstring("Name", "Enter your name: ")
30     if name:
31         pin = simpledialog.askstring("PIN", "Set a 4-digit PIN: ")
32         if pin and len(pin) == 4:
33             # Create account entry
34             account = {
35                 "name": name,
36                 "pin": pin,
37                 "balance": 0,
38                 "transactions": []
39             }
40             # Save to JSON
41             with open("accounts.json", "a") as f:
42                 json.dump(account, f)
43                 f.write("\n")
44             messagebox.showinfo("Success", "Account created successfully!")
45         else:
46             messagebox.showerror("Error", "Invalid PIN. Must be 4 digits.")
47     else:
48         messagebox.showerror("Error", "Name is required.")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS



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2 from tkinter import messagebox, simpledialog, ttk
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Transaction History		
Date & Time	Type	Amount (₹)
2025-11-03 21:06:09.528386	Deposit	₹100000.00

