

PPS MINI PROJECT

MINI PROJECT WITH SOURCE CODE



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SHIKHAR CHATURVEDI

SHUBHAM KHATRI

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| **BANKING MANAGEMENT SYSTEM**  **21CSS101J – PROGRAMMING FOR PROBLEM SOLVING**  **Mini Project Report**  *Submitted by*  **SHIKHAR CHATURVEDI [Reg. No.: RA2211003010674]**  **B.Tech. CSE - Core**  **SHUBHAM KHATRI [Reg. No.: RA2211003010714]**  **B.Tech. CSE - Core**  **SRMIST-01.jpg**  **SCHOOL OF COMPUTING**  **COLLEGE OF ENGINEERING AND TECHNOLOGY**  **SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**  **(Under Section 3 of UGC Act, 1956)**  S.R.M. NAGAR, KATTANKULATHUR – 603 203  KANCHEEPURAM DISTRICT  **December 2022** |

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**1. PROBLEM STATEMENT**To write a python program to perform various banking management operations such as adding an account, depositing money, withdrawing money, checking account details, and various other tasks.

**2. Methodology / Procedure**

1. Start
2. Import MySQL connector. Define localhost, database, etc.
3. Define Functions to perform various tasks like adding an account, removing an account, depositing money, withdrawal of money and getting all details of an account.
4. Start a while loop to perform the front-end menu which includes creating an account depositing money, withdrawal of money and getting all details of an account.
5. Take user input from the menu.
6. Start an if and elif condition to check what the input the user has given and call the function which is assigned to the user input.
7. Display output.
8. End

**3**. **Coding**

import mysql.connector

conn=mysql.connector.connect(host='localhost',user='root',password='',db='Bank')

cursor=conn.cursor()

def New\_Account():

Accno=int(input("Enter account no "))

customer\_Name=input("Enter Customer Name ")

Amount=float(input("Enter Amount "))

query="Insert into customer values({},'{}','{}');".format(Accno,customer\_Name,Amount)

cursor.execute(query)

conn.commit()

print("Account Created Successfully")

def Deposit():

Accno=int(input("Enter account no "))

Amount=float(input("Enter Amount "))

query="update customer set Amount=Amount+{} where accno={};".format(Amount,Accno)

cursor.execute(query)

conn.commit()

print("Deposit Successfully")

def Withdraw():

Accno=int(input("Enter account no "))

Amount=float(input("Enter Amount "))

query="update customer set Amount=Amount-{} where accno={};".format(Amount,Accno)

cursor.execute(query)

conn.commit()

print("Withdraw Successfully")

def Delete\_Account():

Accno=int(input("Enter account no "))

query="Delete from customer where accno={};".format(Accno)

cursor.execute(query)

conn.commit()

print("Account Deleted Successfully")

def Show\_Detail():

Accno=int(input("Enter Account number "))

query="select \* from customer where accno={};".format(Accno)

cursor.execute(query)

data=cursor.fetchall()

for i in data:

print(i[0],i[1],i[2])

while True:

print("\n1. For Create Account \n2. For Deposit \n3. For withdraw\n4. For Show Detail \n5. Delete Account \n6. Exit ")

choice=int(input("Enter Your choice: "))

if choice ==1:

New\_Account()

elif choice==2:

Deposit()

elif choice==3:

Withdraw()

elif choice==4:

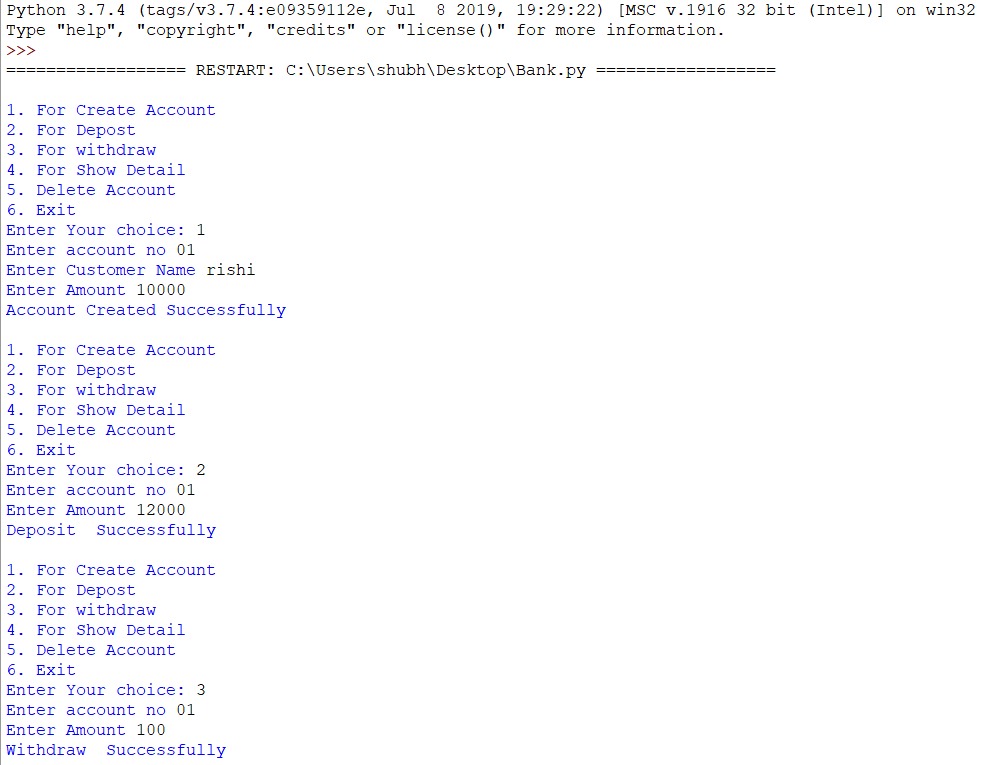
Show\_Detail()

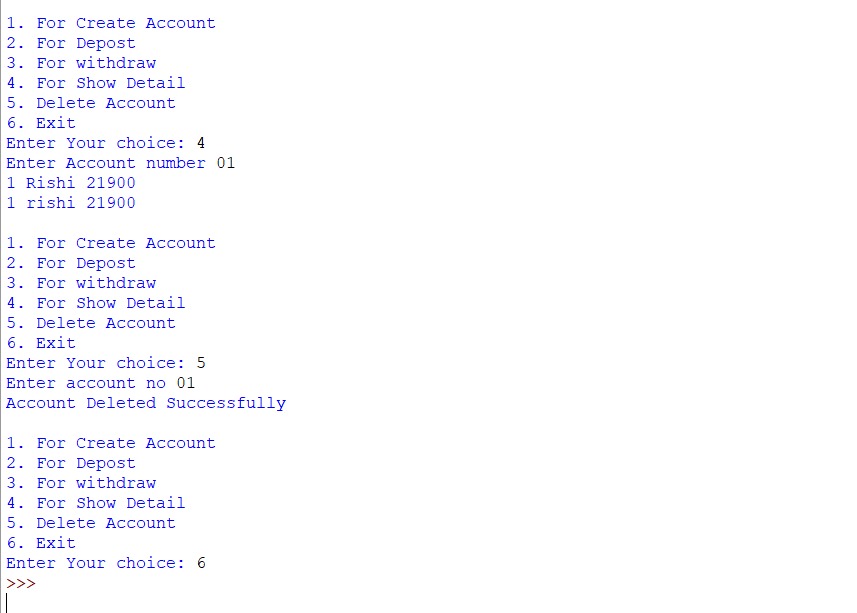
elif choice==5:

Delete\_Account()

elif choice==6:

        break

**4**. **Result (Screenshot)**

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**Result (Text)**

1. For Create Account

2. For Deposit

3. For withdraw

4. For Show Detail

5. Delete Account

6. Exit

Enter Your choice: 1

Enter account no 01

Enter Customer Name rishi

Enter Amount 10000

Account Created Successfully

1. For Create Account

2. For Deposit

3. For withdraw

4. For Show Detail

5. Delete Account

6. Exit

Enter Your choice: 2

Enter account no 01

Enter Amount 12000

Deposit Successfully

1. For Create Account

2. For Deposit

3. For withdraw

4. For Show Detail

5. Delete Account

6. Exit

Enter Your choice: 3

Enter account no 01

Enter Amount 100

Withdraw Successfully

1. For Create Account

2. For Deposit

3. For withdraw

4. For Show Detail

5. Delete Account

6. Exit

Enter Your choice: 4

Enter Account number 01

1 Rishi 21900

1 rishi 21900

1. For Create Account

2. For Deposit

3. For withdraw

4. For Show Detail

5. Delete Account

6. Exit

Enter Your choice: 5

Enter account no 01

Account Deleted Successfully

1. For Create Account

2. For Deposit

3. For withdraw

4. For Show Detail

5. Delete Account

6. Exit

Enter Your choice: 6

>>>

**5.** **Result**

The following banking management program to perform various banking management operations such as adding an account, depositing money, withdrawing money, checking account details, and various other tasks. The code is written in python and has been