

```
import time as t

user_pin = 9876

user_balance = 98765.90

user_name = "Mr.John"

print("Welcome to your bank account",user_name,end = "\n\n")

choice=9

while(True):

    print("\t\t0.Logout and Exit")

    print("\t\t1.View Account Balance")

    print("\t\t2.Withdrawal cash")

    print("\t\t3.Deposit Cash")

    print("\t\t4.Change PIN")

    print("\t\t5.Return Card")

    choice = int(input("Enter number to proceed >"))

    print("\n\n")

    if choice == 0:

        print("Exiting...")

        t.sleep(2)

        print("You have been logged out. Thank you!\n\n")

        break

    elif choice in(1,2,3,4,5):

        num_of_tries = 3

        while (num_of_tries!=0):

            input_pin=int(input("Please enter your 4-digit PIN>"))

            if input_pin==user_pin:

                print("Account authorized!\n\n")

                if choice==1:

                    print("Loading Account Balance..")

                    t.sleep(1.5)

                    print("Your current balance is Rs.",user_balance,end="\n\n\n")

                    break
```

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elif choice==2:

    print("Opening Cash Withdrawal..")

    t.sleep(1.5)

    while(True):

        withdrawal_amt=float(input("Enter the amount you wish to withdraw>"))

        if withdrawal_amt>user_balance:

            print("Can't withdraw Rs.",withdrawal_amt)

            print("Please enter a lower amount!")

            continue

        else:

            print("Withdrawing Rs.",withdrawal_amt)

            confirm=input("Confirm? Y/N >")

            if confirm in("Y","y"):

                user_balance -= withdrawal_amt

                print("Amount withdrawn - Rs.", withdrawal_amt)

                print("Remaining balance - Rs.", user_balance, end="\n\n\n")

                break

            else:

                print("Cancelling transaction...")

                t.sleep(1)

                print("Transaction Cancelled!\n\n")

                break

elif choice==3:

    print("Loading Cash Deposit...")

    t.sleep(1.5)

    deposit_amt = float(input("Enter the amount you wish to deposit > "))

    print("Depositing Rs.", deposit_amt)

    confirm = input("Confirm? Y/N > ")

    if confirm in ('Y','y'):

        user_balance+=deposit_amt

        print("Amount deposited - Rs.",deposit_amt)

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print("Updated balance - Rs.", user_balance, end = "\n\n\n")
```

```
else:
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```
print("Cancelling transaction...")
```

```
t.sleep(1)
```

```
print("Transaction Cancelled!\n\n")
```

```
break
```

```
elif choice == 4:
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```
print("Loading PIN Change...")
```

```
t.sleep(1.5)
```

```
pin_new=int(input("Enter your new PIN>"))
```

```
print("Changing PIN to",pin_new)
```

```
confirm=input("confirm?")
```

```
if confirm in ('Y', 'y'):
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    user_pin = pin_new
```

```
    print("PIN changed successfully! \n\n")
```

```
else:
```

```
print("Cancelling PIN change...")
```

```
t.sleep(1)
```

```
print("Process Cancelled!\n\n")
```

```
break
```

```
else:
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```
print("Loading Card Return...")
```

```
t.sleep(1.5)
```

```
print("Returning your ATM Card")
```

```
confirm = input("Confirm? Y/N > ")
```

```
if confirm in ('Y', 'y'):
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```
        print("Card returned successfully! \n\n")
    else:
        print("Cancelling process...")
        t.sleep(1)
        print("Process Cancelled!\n\n")

    break

else:
    num_of_tries-=1
    print("PIN incorrect! Number of tries left -", num_of_tries, end="\n\n")
else:
    print("Exiting...")
    t.sleep(2)
    print("You have been logged out. Thank you!\n\n")
    break
else:
    print("Invalid input!")
    print("\t\t0. Enter 0 to Logout and Exit!")
    continue
```