In [1]:

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""" """
import sqlite3


###Creating a table for the first time transaction
def dbase_create():
    db=sqlite3.connect("mydatabase.db")
    db.execute("create table PiggyBank_Schidura123(Actnumber text,Amt int)")
    db.execute("insert into PiggyBank_Schidura123(Actnumber,Amt) values (101,(
    db.commit()
    db.close()
def piggy_bank():
    #Actid = '1111'
    while True:
        try:
            SE = str(input("Start or End:").upper())
            if(SE !="START" and SE!="END"):
                print("Looks like yo uare not entered a correect value")
        except ValueError:
            print("Looks like yo uare not entered a correect value")
            SE = str(input("Start or End:").upper())
            continue
        else:
            # connecting to DB and verifying the table is avaialable or not i
            # balance amount in table with a fixed account number 101
            db=sqlite3.connect("mydatabase.db")
            tbl=db.execute("SELECT count(*) FROM sqlite_master WHERE type='ta
            for row in tbl:
                tblexist= row
            if tblexist[0]<=0:
                dbase_create()
            if SE=="START":
                print("Welcome to Piggy Bank: \n")
                op=input("Please Select D for Deposit, W for withdraw and C f
                if op == 'D':
                    Deposit()
                elif op=='W':
                    Withdrawl()
                elif op=='C':
                    Check()
                else :
                    print("you entered an invalid transaction")
            elif SE=="END":
                print("Thanks for accessing Piggy bank and its closing now")
                break
            continue

def Deposit():
    Actid='101' # Making account id as hardcoed to 101 for standard usage we
    while True:
        try:
            dep1=int(input("Enter an Amount for deposit:"))
        except ValueError:
            print("Looks like yo uare not entered numeric value depo")
            continue
        else:
```

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            db=sqlite3.connect("mydatabase.db")
            result=db.execute("select Amt from PiggyBank_Schidura123 where Ac
            for row in result:
                Amt=row
            AvailableAmt=Amt[0]
            # newly Deposited amount is adding to the existing balace amount
            AvailableAmt = AvailableAmt+dep1
            db.execute("UPDATE PiggyBank_Schidura123 SET Amt =? WHERE Actnumb
            db.commit()
            db.close()
            print("after depositing the amount your available balance is {}".
            return

def Withdrawl():
    Actid='101' ## Making account id as hardcoed to 101 for standard usage we
    while True:
        try:
            wdamt1=int(input("Enter an Amount for Withdrawl:"))
        except ValueError:
            print("Looks like yo uare not entered numeric value withdrawl")
            continue
        else:
            db=sqlite3.connect("mydatabase.db")
            result=db.execute("select Amt from PiggyBank_Schidura123 where Ac
            for row in result:
                Amt=row
            AvailableAmt=Amt[0]

            if AvailableAmt >=wdamt1 :
                # newly withdrawl amount is deducting from the existing balac
                AvailableAmt = AvailableAmt- wdamt1
                db.execute("UPDATE PiggyBank_Schidura123 SET Amt =? WHERE Act
                db.commit()
                db.close()
                print("After withdrawl, Your available balance is {}".format(
            else:
                print("you do not have sufiiceint amount to withdraw, the ava
            return

def Check():
    db=sqlite3.connect("mydatabase.db")
    result=db.execute("select Amt from PiggyBank_Schidura123 where Actnumber
    for row in result:
        Amt=row
    AvailableAmt=Amt[0]
    print("Your available balance is {}".format(AvailableAmt))
    db.commit()
    db.close()

piggy_bank()
```

```
Start or End:start
Welcome to Piggy Bank:

Please Select D for Deposit, W for withdraw and C for balance verification :D
Enter an Amount for deposit:1000
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after depositing the amount your available balance is 1000
Start or End:start
Welcome to Piggy Bank:

Please Select D for Deposit, W for withdraw and C for balance verification :c
Your available balance is 1000
Start or End:start
Welcome to Piggy Bank:

Please Select D for Deposit, W for withdraw and C for balance verification :w
Enter an Amount for Withdrawl:2000
you do not have sufiiceint amount to withdraw, the available balance is 1000
Start or End:start
Welcome to Piggy Bank:

Please Select D for Deposit, W for withdraw and C for balance verification :w
Enter an Amount for Withdrawl:500
After withdrawl, Your available balance is 500
Start or End:start
Welcome to Piggy Bank:

Please Select D for Deposit, W for withdraw and C for balance verification :c
Your available balance is 500
Start or End:end
Thanks for accessing Piggy bank and its closing now
```

In [ ]:
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