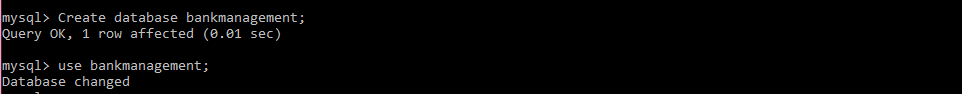
Index

Brief Introduction

Making database



Creating Tables

Insert into customer\_info values (“00000001”,“Anuj Rathore”,”M”,”1998-10-20”,”raja pak”,"1594673828”);

Insert into customer\_info values (“00000002”,“Ritansh Jain”,”M”,”2000-01-01”,”gopalpura”,”7845631459”);

Insert into customer\_info values (“00000003”,”Priyansh Khandelwal”,”M”,”2000-02-20”,”vdn",”4561238452”);

Insert into customer\_info values (“00000004”,”Priya Sharma”,”F”,”2000-05-20”,”mi road",”4561698452”);

Insert into customer\_info values (“00000005”,”rita Khandelwal”,”F”,”2001-02-20”,”malvi",”4526938452”);

Python code

from deffunc import \*

df = pd.read\_csv("priyansh.csv")

cn = sqlconn.connect(database='bankmanagement', host='localhost', user='root', password='1234')

cursor = cn.cursor()

whyus = ('\n\n1)IAU offers tremendous growth opportunities.'

'\n\n2)IAU have respect in society, since there is'

' direct interaction with the customers.'

'\n\n3) One of the major reason is challenging working environment, better understanding, we treat customers like our family etc.'

'\n\n5)IAU are now using the best available technology for'

'their work, employees get the work on the latest banking'

'software which adds good weight age to their profile.'

'\n\n6)Overall banks provide opportunities for higher learning'

'\n\n7) IAU provides all banking products and also the many advantages. IAU strongly believes it is the bank for people.'

'\n\n8)IAU fulfill the requirements and believe that It fits the customers culture well.')

e4=0

e5=0

if cn.is\_connected() == False:

print('connection failed')

else:

while True:

print('\t\t\t-----------------------')

print('\t\t\t| Welcome To IAU Bank |')

print('\t\t\t-----------------------')

print("\n\n---------------")

print('|(1) Old User |')

print('---------------')

print('|(2) New User |')

print('---------------')

print('|(3) Exit |')

print('---------------')

a = int(input('=>'))

if a == 1:

b = input("\n\nEnter Your account number:")

print("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_")

beep()

e2=b

m1 = "select Account\_Number from account\_info where Account\_Number = " + b

cursor = cn.cursor()

cursor.execute(m1)

rows = cursor.fetchone()

d = rows

q = "select Cust\_ID from account\_info where Account\_Number = " + b

cursor = cn.cursor()

cursor.execute(q)

rows = cursor.fetchone()

custids = rows

for a in custids:

custid = str(a)

e1=custid

if d == None:

print('\n\nWrong Account Number')

print("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_")

beep1()

else:

for row in d or []:

ac = row

acno = int(ac)

if int(b) == acno:

c = input("\nEnter Your Pin : ")

print('\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_')

beep()

p1 = "select Pin from account\_info where Account\_Number = " + b

cursor = cn.cursor()

cursor.execute(p1)

rows = cursor.fetchone()

d = rows

c1 = int(c)

if c1 not in d:

print('\n\nWrong Pin')

print("\_\_\_\_\_\_\_\_\_")

beep1()

else:

z = "select Name from accounts\_info where Cust\_ID = " + custid

cursor = cn.cursor()

cursor.execute(z)

rows = cursor.fetchone()

d = rows

for row in d:

name = row

e3=name

print('\n\n\n\n--------------------------------------------------------')

print("\t\t\t Welcome ", name ,sep='')

print('--------------------------------------------------------')

ch = 0

while ch != 5:

menu()

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

if ch == 1:

print('\n\n\t\t\t\_\_\_\_\_\_\_\_\_')

print('\n\t\t\t DEPOSIT')

print('\t\t\t\_\_\_\_\_\_\_\_\_')

print('\n\nHow Much Amount Would you Like To Deposit ?')

q = input('=> ₹')

z = "select Balance from account\_info where Account\_Number = " + b

e4=int(q)+e4

cursor = cn.cursor()

cursor.execute(z)

rows = cursor.fetchone()

d = rows

s = "update account\_info set Balance = Balance + " + q + " Where Account\_number = " + b;

cursor = cn.cursor()

cursor.execute(s)

cn.commit()

print('\n\n-------------------------------')

print('|Amount Deposited successfully|')

print('-------------------------------')

beep()

elif ch == 2:

print('\n\n\t\t\t\_\_\_\_\_\_\_\_\_\_')

print('\n\t\t\tWITHDRAWAL')

print('\t\t\t\_\_\_\_\_\_\_\_\_\_')

print('\n\nHow Much Amount Would you Like To Withdraw ?')

e = input('=> ₹')

z = "select Account\_Type from account\_info where Account\_Number = " + b

cursor = cn.cursor()

cursor.execute(z)

rows = cursor.fetchone()

d = rows

for row in d:

acctype = row

acct = str(acctype)

z = "select Balance from account\_info where Account\_Number = " + b

cursor = cn.cursor()

cursor.execute(z)

rows = cursor.fetchone()

d = rows

for row in d:

balance = row

bal1 = int(balance)

if 'C' == acct or 'c' == acct :

pp = "update account\_info set Balance = Balance - " + e + " Where Account\_Number = " + b;

cursor = cn.cursor()

cursor.execute(pp)

cn.commit()

print('\n\n---------------------------------')

print('| Amount Withdrawn successfully |')

print('---------------------------------')

beep()

else:

if int(e) > bal1:

print('\n\n----------------------------------')

print('| You Can\'t Withdraw High Amount |')

print('----------------------------------')

beep1()

e5=int(e)+e5

elif ch == 3:

print('\n\n\t\t\t\_\_\_\_\_\_\_')

print('\n\t\t\tBALANCE')

print('\t\t\t\_\_\_\_\_\_\_')

z = "select Balance from account\_info where Account\_Number = " + b

cursor = cn.cursor()

cursor.execute(z)

rows = cursor.fetchone()

d = rows

for row in d:

balance = row

bal1 = int(balance)

bbo=str(bal1)

fs=1

ss=1

ts=4

if len(bbo) == 4:

print('\n\n---------------------------------------------')

print('\t Your Balance Is : ₹',bbo[0:fs],',',bbo[ss:ts],sep='')

print('---------------------------------------------')

beep()

elif len(bbo) == 5:

print('\n\n---------------------------------------------')

print('\t Your Balance Is : ₹',bbo[0:fs+1],',',bbo[ss+1:ts+2],sep='')

print('---------------------------------------------')

beep()

elif len(bbo) == 6:

print('\n\n---------------------------------------------')

print('\t Your Balance Is : ₹',bbo[0:1],',',bbo[1:fs+2],',',bbo[ss+2:ts+4],sep='')

print('---------------------------------------------')

beep()

elif len(bbo) == 7:

print('\n\n---------------------------------------------')

print('\t Your Balance Is : ₹',bbo[0:2],',',bbo[2:fs+3],',',bbo[ss+3:ts+6],sep='')

print('---------------------------------------------')

beep()

elif ch == 4:

print('\n\n--------------------------------')

print('|\t\t\t MAD |')

print('------------------------------------')

ch\_update = 0

while ch\_update != 6:

beep()

menu1()

ch\_update = int(input("Enter your choice: "))

if ch\_update == 1:

Nam = input("=>")

sql = "Update account\_info set Name = '" + Nam + "'Where Cust\_Id = " + custid;

sql1 = "Update accounts\_info set Name = '" + Nam + "' Where Cust\_Id = " + custid;

sql2 = "Update customer\_info set Name = '" + Nam + "'Where Cust\_Id = " + custid;

cursor.execute(sql)

cursor.execute(sql1)

cursor.execute(sql2)

cn.commit()

cn.commit()

cn.commit()

elif ch\_update == 2:

regno = input("=>")

while len(regno)>10 or len(regno)<10:

print('\nInvaild Number')

beep1()

regno=input('Enter Your Registered Number Again => ')

sql = "Update accounts\_info set Reg\_Number = '" + regno + "' Where Cust\_ID = " + custid;

cursor.execute(sql)

cn.commit()

while len(regno)>10 or len(regno)<10:

print('\nInvaild Number')

beep1()

regno=input('Enter Your Father\'s Number Again => ')

sql = "Update accounts\_info set Reg\_Number = '" + regno + "' Where Cust\_ID = " + custid;

cursor.execute(sql)

cn.commit()

elif ch\_update == 3:

pin = input("=>")

while len(pin) !=6:

print("\nInvaild Pin")

beep1()

pin = input("Enter Your New Pin Again => ")

sql = "Update account\_info set Pin = " + pin + " Where Cust\_ID = " + custid;

cursor.execute(sql)

cn.commit()

elif ch\_update == 4:

acct = input("=>")

while acct not in "CcSs":

print('\nInvalid Input')

beep1()

acct = input('Enter Your Account Type (C/S) Again => ')

sql = "Update account\_info set Account\_Type = '" + acct + "' Where Cust\_ID = " + custid;

cursor.execute(sql)

cn.commit()

elif ch\_update == 5:

add = input("=>")

sql = "Update accounts\_info set Address = '" + add + "' Where Cust\_ID = " + custid;

cursor.execute(sql)

cn.commit()

elif ch\_update>5:

print()

print("Updation Completed")

beep()

else:

print('')

print('\n\n----------------')

print('|Record Updated|')

print('----------------')

beep()

beep()

e6=times()

row\_contents = [e1,e2,e3,e4,e5,e6]

append\_list\_as\_row("D:\\Ritansh\\Projects\\Class XII\\Ip class 12 pro\\priyansh.csv", row\_contents)

a=e4

b=e6

c=e5

d=e6

# pl.plot(a,b)

# pl.plot(c,d)

# pl.show()

############################################################################################################################################################

elif a == 2:

print('\n\n\t\t\t-----------------------')

print('\t\t\t| Welcome To IAU Bank |')

print('\t\t\t-----------------------')

print('\n\n1. Create a New Account\n2. Why Choose Us ?')

d = int(input('=>'))

if d == 1:

# cd1=str(cd)

a = input('Enter Your Name => ')

while '0' in a or '1' in a or '2' in a or '3' in a or '4' in a or '5' in a or '6' in a or '7' in a or '8' in a or '9' in a:

print("\nYour User Name and Password is important. That's not the right one. Try again with the right one this time.")

a = input('Enter Your Name Again => ')

b = input('Enter Your Gender(M/F) => ')

while b not in "MmFf":#space error

print('\nInvalid Input')

b = input('Enter Your Gender(M/F) Again => ')

c = input('Enter Your Date Of Birth (YYYY-MM-DD) => ')

while c[0:4]>'2002' :

print('\nInvaild Year You Must Be 18 And Above')

c = input('Enter Your Date Of Birth Again (YYYY-MM-DD) => ')

while c[5:7]>'12' :

print('\nInvaild Month')

c = input('Enter Your Date Of Birth Again (YYYY-MM-DD) => ')

m1 = "select MAX(Cust\_ID) from customer\_info"

cursor = cn.cursor()

cursor.execute(m1)

rows = cursor.fetchone()

q = rows

for i in q:

q = int(i)

q+=1

q=str(q)

h=input("Enter Your 6 digit Pin => ")

while len(h)!=6:

print("Invaild Entry")

h=input("Enter Your 6 digit Pin Again => ")

####################################################

i=input("How Much Money Would You Like To Deposit => ")

j=input("Enter Your Account Type (C/S) => ")

while j not in 'CS' :

print("Invaild Input")

j=input("Enter Your Account Type (C/S) Again => ")

g = input('Enter Your Number => ')

while len(g)>10 or len(g)<10:

print('\nInvaild Number')

g=input('Enter Your Number Again => ')

address=input("Enter your address under 50 characters => ")

while len(address)>=50:

address=input("Enter your address under 50 characters Again => ")

accnostr=random\_with\_N\_digits()

Accno="select Account\_Number from account\_info where Account\_Number like " + str(accnostr)

cursor = cn.cursor()

cursor.execute(Accno)

rows = cursor.fetchone()

S = rows

for z in S or []:

S=str(z)

while S==Accno:

Accno=random\_with\_N\_digits()

s = "insert into customer\_info values ('" + q + "','" + a + "','" + b + "','" + c + "','"+ address +"','"+ g +"')"

cursor.execute(s)

cn.commit()

s1 = "insert into accounts\_info values ('" + q + "','" + a + "','" + g + "','" + address +"')"

cursor.execute(s1)

cn.commit()

s2 = "insert into account\_info values ('" + q + "','" + a + "','" + str(accnostr) + "','"+ h +"','"+ i +"','" + j +"')"

cursor.execute(s2)

cn.commit()

print('RECORD ADDED')

print('Account No: {}\tCustomer\_ID:{}\tName:{}'.format(accnostr,q,a))

elif d == 2:

print(whyus)

pl.plot([0,1,2,3,4,5,6,7],[0,1,4,9,10,8,11,13])

pl.axis([0,10,0,20])

pl.xlabel("years")

pl.ylabel("Profit(Cr.)")

pl.show()

elif d == 3:

break