SOURCE CODE :

import mysql.connector

def insertion():

mydb = mysql.connector.connect(host="localhost", user="root", password="student", database="bank")

mycursor = mydb.cursor()

a=int(input("Enter account no:"))

b=input("Enter name:")

c=input("Enter address:")

d=input("Enter phone no:")

mycursor.execute("insert into mayank(accountno, name, address, phoneno) values ({},'{}','{}','{}')".format(a,b,c,d))

print("user details added!")

mydb.commit()

mydb.close()

def display():

mydb=mysql.connector.connect(host="localhost",user="root",password="student",database="bank")

mycursor = mydb.cursor()

print("The table:")

mycursor.execute("select \* from mayank")

for i in mycursor:

print(i)

mydb.close()

def search():

mydb = mysql.connector.connect(host="localhost", user="root", password="student", database="bank")

mycursor = mydb.cursor()

a = int(input("Enter accountno to search:"))

print("user details:")

mycursor.execute("select \* from mayank where accountno={}".format(a))

for i in mycursor:

print(i)

mydb.close()

def update():

mydb = mysql.connector.connect(host="localhost", user="root", password="student", database="bank")

mycursor = mydb.cursor()

print("Enter new details if you want to change else enter old details if you dont want to change")

a = int(input("Enter account no you want to update:"))

b = input("Enter new name:")

c = input("Enter new address :")

d = input("Enter new phone no:")

mycursor.execute("update mayank set name='{}', address='{}', phoneno='{}' where accountno={}".format(b,c,d,a))

print("bank updated succesfully!")

mydb.commit()

mydb.close()

def delete():

mydb = mysql.connector.connect(host="localhost", user="root", password="student", database="bank")

mycursor = mydb.cursor()

a = int(input("Enter the account no to delete:"))

mycursor.execute("delete from mayank where accountno={}".format(a))

print("bank deleted succesfully!")

mydb.commit()

mydb.close()

mydb = mysql.connector.connect(host="localhost", user="root", password="student", database="bank")

mycursor = mydb.cursor()

a = input("Enter password:")

mycursor.execute("select \* from password where pd='{}'".format(a))

for i in mycursor:

p=i

break

else:

i = False

p = True

if i==p:

mydb.close()

while True:

print("Choose operation")

print("Enter 1 to Insert bank details")

print("Enter 2 to Display all records")

print("Enter 3 to Search Bank details")

print("Enter 4 to Update a Bank details")

print("Enter 5 to Delete a Bank record")

print("Enter 6 to exit")

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

if ch==1:

insertion()

elif ch==2:

display()

elif ch==3:

search()

elif ch==4:

update()

elif ch==5:

delete()

else:

break

else:

print("Wrong password!")