import sys

import mysql.connector as mys

from getpass import getpass

from tabulate import tabulate

def menu():

while (True):

print("----welcome to the database---")

print("1.access database as patient:")

print("2.access databse as staff")

ch=int(input("enter your choice"))

if ch==1:

patient()

elif ch==2:

adminmenu()

else:

print("wrong choice ")

menu()

def adminmenu():

print("#### admin entry ####")

username=int(input("enter the username"))

password=int(input("enter the password"))

if username== "admin" and password == "adminpass":

hmenu()

def hmenu():

print("1.DO YOU WANT TO ACCESS THE STAFF SECTION")

print("2.ENTER AS INTERN")

inp=int(input("enter your choice"))

if ch==1:

doctor()

elif ch==2:

intern()

else:

print("wrong choice")

def mdoctor():

while (True):

print("1.do you want to access the HR module?")

print("2.do you want to access the doctors portal")

inps=int(input("enter your choice"))

if inps==1:

doctor()

elif inps==2:

pdoctor()

else:

print("wrong option/ choose again")

mdoctor()

def pdoctor():

while (True):

print("---WELCOME TO DOCTORS PORTAL---")

print("what would you like to do?")

print("1.view details")

print("2.update details")

print("3.delete records")

print("4.display details")

choice=int(input("enter your choice"))

if choice==1:

view()

elif choice==2:

update()

elif choice==3:

delete()

elif choice==4:

display()

else:

print("wrong choice enter again")

pdoctor()

def view():

try:

con=mys.connect(host="localhost",user="root",passwd="jeffjudev",database="employees")

mycursor=con.cursor()

NO=int(input("enter the employee number"))

q="select \* from DOCTOR where NO={}".format(NO)

mycursor.execute(q)

rows=mycursor.fetchall()

except Exception as e:

print(e)

finally:

if con.is\_connected():

mycursor.close()

con.close()

def update():

try:

mycon=mys.connect(host="localhost",user="root",passwd="jeffjudev",database="hackzon")

mycursor=mycon.cursor()

EMPNO=int(input("enter the employee number"))

q="select \* from hackzon where NO={}".format(NO)

mycursor.execute(q)

a=mycursor.fetchone()

if a!=None:

print(a)

while(True):

print("1.update employee number")

print("2.update name")

print("3.update department")

print("4.update dateofjoin")

print("5.update salary")

print("6.update sex")

print("7.update age")

print("8.update address")

print("9.update leave balance")

print("10.back to main menu")

choice=int(input("enter the choice:"))

if choice==1:

no=int(input("enter the new employee number"))

sql="update teachers set No={} where EMPNO={}".format(NO,EMPNO)

mycursor.execute(sql)

mycon.commit()

print("the record is updated")

elif choice==2:

NAME=input("enter the new name")

sql="update employees set NAME='{}'where EMPNO='{}'".format(NAME,EMPNO)

mycursor.execute(sql)

mycon.commit()

print("the record is updated")

elif choice==3:

DEPARTMENTs=input("enter the new department name")

sql="update employees set DEPARTMENTs='{}' where EMPNO='{}'".format(DEPARTMENTs,EMPNO)

mycursor.execute(sql)

mycon.commit()

print("the record is updated")

elif choice==4:

DATEOFJOIN=input("enter the new date")

sql="update employees set DATEOFJOIN={} where EMPNO={}".format(DATEOFJOIN,EMPNO)

mycursor.execute(sql)

mycon.commit()

print("the record is updated")

elif choice==5:

SALARY=int(input("enter the new salary"))

sql="update employees set SALARY={} where EMPNO={}".format(SALARY,EMPNO)

mycursor.execute(sql)

mycon.commit()

print("the record is updated")

elif choice==6:

SEX=input("enter the sex")

sql="update employees set SEX='{}' where EMPNO='{}'".format(SEX,EMPNO)

mycursor.execute(sql)

mycon.commit()

print("value has been updated")

elif choice==7:

age=int(input("enter the age"))

sql="update employees set age={} where EMPNO={}".format(age,EMPNO)

mycursor.execute(sql)

mycon.commit()

print("the value has been updated")

elif choice==8:

ADDRESS=input("enter the new address")

sql="update employees ADDRESS='{}' where EMPNO='{}'".format(ADDRESS,EMPNO)

mycursor.execute(sql)

mycon.commit()

print("the value has been updated")

elif choice==9:

LEAVEBAL=int(input("enter the remaining leave balance of that employee"))

sql="update employees set LEAVEBAL={} where EMPNO={}".format(LEAVEBAL,EMPNO)

mycursor.execute(sql)

mycon.commit()

print("the value has been updated")

elif choice==10:

hmenu()

else:

print("no such employee number")

except Exception as e:

print(e)

finally:

if mycon.is\_connected():

mycursor.close()

mycon.close()

def delete():

try:

mycon=mys.connect(host="localhost",user="root",passwd="jeffjudev",database="hackzon")

mycursor=mycon.cursor()

EMPNO=int(input("enter the employee number"))

sql="delete from hackzon where NO={}".format(NO)

mycursor.execute(sql)

mycon.commit()

print("the record has been deleted")

except Exception as e:

print(e)

finally:

if mycon.is\_connected():

mycursor.close()

mycon.close()

def doctor():

while (True):

print("------- WELCOME DOCTORS AND NURSES TO DIGITAL HR-------")

print("#######################################################")

print("choose your issue")

print("1.working overtime")

print("2.social harm")

print("3.payment issues")

print("4.CL EL")

print("5.other(s)")

if ch==1:

over()

elif ch==2:

social()

elif ch==3:

payment()

elif ch==4:

leave()

elif ch==5:

other()

else:

print("wrong choice choose again")

doctor()

def display():

try:

con=mys.connect(host="localhost",user="root",passwd="jeffjudev",database="hackzon")

mycursor=con.cursor()

sql="select \* from hackzon"

mycursor.execute(sql)

data=mycursor.fetchall()

print(tabulate(data,headers=['No','NAME','DEPARTMENT','SEX','AGE','ADDRESS']tablefmt='fancy\_grid'))

except Exception as e:

print(e)

finally:

if con.is\_connected():

mycursor.close()

con.close()

def over():

ovr=int(input("enter the number of hours worked overtime"))

sal=int(input("enter the current salary"))

extra\_sal=sal+0.01\*sal\*ovr

print("the salary to be redeemed after overtime is ")

print(extra\_sal)

print("+++contact accounts department to redeeem salary+++")

def social():

inp=input("do you want to dial the helpline if yes press 1 ")

if inp==1:

print("you will be redirected to the police department")

def payment():

print("what is your issue?")

while (True):

print("1.payment not issued")

print("2.payment delayed")

print("3.issue with payslip")

choice1=int(input("enter your choice"))

if choice1==1:

table1()

elif choice1==2:

table1()

elif choice1==3:

table1()

else:

print("wrong option")

payment()

def table1():

print("check for your details, if your details are not available check with the accounts department")

try:

con=mys.connect(host="localhost",user="root",passwd="jeffjudev",database="hackzon")

mycursor=con.cursor()

sql="select \* from hackzon"

mycursor.execute(sql)

data=mycursor.fetchall()

print(tabulate(data,headers=['No','designation','date\_of\_join'],tablefmt='fancy\_grid'))

except Exception as e:

print(e)

finally:

if con.is\_connected():

mycursor.close()

con.close()

def patient():

while (True):

print("1.do you want to book an appointment")

print("2.buy emergency medicines")

print("----3.book an ambulance----")

ch=int(input("enter your option"))

if ch==1:

appointment()

elif ch==2:

medicines()

elif ch==3:

ambulance()

else:

print("wrong choice choose again")

patient()

def appointment():

print("=====#WELCOME TO APPOINTMENT BOOKINGS#=====")

try:

con=mys.connect(host="localhost",user="root",passwd="jeffjudev",database="hackzon")

mycursor=con.cursor()

NO=int(input("enter the phone number."))

NAME=input("enter the name ")

SEX=input("enter the sex")

AGE=int(input("enter the age"))

ADDRESS=input("enter the address")

a="insert into patient values({},'{}','{}',{},'{}')".format(NO,NAME,SEX,AGE,ADDRESS)

mycursor.execute(a)

con.commit()

print("your appointment has been booked")

except Exception as e:

print(e)

finally:

if con.is\_connected():

mycursor.close()

con.close()

def medicines():

print("===# welcome to the medicines page#===")

name=input("enter the medicines you want to purchase")

nos=int(input("enter the number of units you would like to order"))

total=nos\*name

print("the total amount is")

print(total)

print("thank you for the purchase you will recieve your order shortly ")

def ambulance():

inp=input("press 1 for emergency ambulance service")

if ch==1:

print("the ambulance is on its way:")

print("kindly ensure the patient has been gven first aid")

else:

print("incorrect choice")

break

menu()