**PROJECT ON AIRLINE TICKET RESERVATION**

**USING PYTHON AND MY SQL CONNECTIVITY**

DATABASE AND SQL QUERIES

create database hotel;

use hotel;

create table pdata(custname varchar(20),addr varchar (30),jrdate varchar(10),source varchar(10),destination varchar(10));

create table classtype (sno varchar(5),classtype varchar(10),price integer(10));

insert into classtype values ('1','Firstclass',6000);

insert into classtype values ('2','Busiclass',4000);

insert into classtype values ('3','Ecoclass',2000);

create table food(sno integer(10),itemname varchar(10),rate integer(10));

insert into food values(1,"tea",10);

insert into food values(2,"coffee",10);

insert into food values(3,"colddrink",20);

insert int0 food values(4,"samosa",10);

insert into food values(5,"sandwich",50);

insert into food values(6,"Dhokla",30);

insert into food values(7,"kachori",10);

insert into food values(8,"milk",20);

insert into food values(9,"noodles",50);

insert into food values(10,"pasta",50);

create table lugage(sno integer(10),weight varchar(10),rate integer(10));

insert into lugage values(1,"20kg",1000);

insert into lugage values(2,"25kg",1500);

insert into lugage values(3,"30kg",2000);

insert into lugage values(4,"50kg",3000);

SOURCE CODE

import os

import platform

import mysql.connector

import pandas as pd

import datetime

global z

mydb = mysql.connector.connect(user='root', password='12345',

host='localhost',

database='air')

mycursor=mydb.cursor()

def registercust():

L=[]

name=input("enter name:")

L.append(name)

addr=input("enter address:")

L.append(addr)

jr\_date=input("enter date of journey:")

L.append(jr\_date)

source=input("enter source:")

L.append(source)

destination=input("enter destination:")

L.append(destination)

cust=(L)

sql="insert into pdata(custname,addr,jrdate,source,destination)values(%s,%s,%s,%s,%s)"

mycursor.execute(sql,cust)

mydb.commit()

def classtypeview():

print("Do yoy want to see classs type available : Enter 1 for yes :")

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

if ch==1:

sql="select \* from classtype"

mycursor.execute(sql)

rows=mycursor.fetchall()

for x in rows:

print(x)

def ticketprice():

print ("We have the following rooms for you:-")

print ("1. type First class---->rs 6000 PN\-")

print ("2. type Business class---->rs 4000 PN\-")

print ("3. type Economy class---->rs 2000 PN\-")

x=int(input("Enter Your Choice Please->"))

n=int(input("No of passenger:"))

if(x==1):

print ("you have opted First class")

s=6000\*n

elif (x==2):

print ("you have opted Business class")

s=4000\*n

elif (x==3):

print ("you have opted Economy class")

s=2000\*n

else:

print ("please choose a class type")

print ("your room rent is =",s,"\n")

def menuview():

print("Do yoy want to see menu available : Enter 1 for yes :")

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

if ch==1:

sql="select \* from food"

mycursor.execute(sql)

rows=mycursor.fetchall()

for x in rows:

print(x)

def orderitem():

global s

print("Do yoy want to see menu available : Enter 1 for yes :")

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

if ch==1:

sql="select \* from food"

mycursor.execute(sql)

rows=mycursor.fetchall()

for x in rows:

print(x)

print("do you want to purchase from above list:enter your choice:")

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

if(d==1):

print("you have ordered tea")

a=int(input("enter quantity"))

s=10\*a

print("your amount for tea is :",s,"\n")

elif (d==2):

print("you have ordered coffee")

a=int(input("enter quantity"))

s=10\*a

print("your amount for coffee is :",s,"\n")

elif(d==3):

print("you have ordered colddrink")

a=int(input("enter quantity"))

s=20\*a

print("your amount for colddrink is :",s,"\n")

elif(d==4):

print("you have ordered samosa")

a=int(input("enter quantity"))

s=10\*a

print("your amount fopr samosa is :",s,"\n")

elif(d==5):

print("you have ordered sandwich")

a=int(input("enter quantity"))

s=50\*a

print("your amount fopr sandwich is :",s,"\n")

elif(d==6):

print("you have ordered dhokla")

a=int(input("enter quantity"))

s=30\*a

print("your amount for dhokla is :",s,"\n")

elif(d==7):

print("you have ordered kachori")

a=int(input("enter quantity"))

s=10\*a

print("your amount for kachori is :",s,"\n")

elif(d==8):

print("you have ordered milk")

a=int(input("enter quantity"))

s=20\*a

print("your amount for kachori is :",s,"\n")

elif(d==9):

print("you have ordered noodles")

a=int(input("enter quantity"))

s=50\*a

print("your amount for noodles is :",s,"\n")

elif(d==10):

print("you have ordered pasta")

a=int(input("enter quantity"))

s=50\*a

print("your amount for pasta is :",s,"\n")

else:

Print("please enter your choice from the menu")

def lugagebill():

global z

print("Do yoy want to see rate for lugage : Enter 1 for yes :")

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

if ch==1:

sql="select \* from lugage"

mycursor.execute(sql)

rows=mycursor.fetchall()

for x in rows:

print(x)

y=int(input("Enter Your weight of extra lugage->"))

z=y\*1000

print("your laundary bill:",z,"\n")

return z

def lb():

print(z)

def res():

print(s)

def ticketamount():

a=input("enter customer name:")

print("customer name :",a,"\n")

print("lugage bill:")

print(lb)

print("food bill:")

print(res)

def Menuset():

print("enter 1: To enter customer data")

print("enter 2 : To view class")

print("enter 3 : for ticketamount")

print("enter 4 : for viewing food menu")

print("enter 5 : for food bill")

print("enter 6 :for lugage bill")

print("enter 7 : for complete amount")

print("enter 8 : for exit:")

'''try:

#userinput=int(input("pleaseselect an above option:"))

except ValueError:

exit("\n hi thats not a number")'''

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

if(userinput==1):

registercust()

elif(userinput==2):

classtypeview()

elif(userinput==3):

ticketprice()

elif(userinput==4):

menuview()

elif(userinput==5):

orderitem()

elif(userinput==6):

lugagebill()

elif(userinput==7):

ticketamount()

elif(userinput==8):

quit()

else:

print("enter correct choice")

Menuset()

def runagain():

runagn=input("\n want to run again y/n:")

while(runagn.lower()=='y'):

if(platform.system()=="windows"):

print(os.system('cls'))

else:

print(os.system('clear'))

Menuset()

runagn=input("\n want to run again y/n:")

runagain()

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