QUIZ MANIA

USING

PYTHON AND MYSQL DATABASE

import mysql.connector as sql

mycon=sql.connect(host="localhost",user=username in quotes,passwd=password,database="QUIZ")

cursor=mycon.cursor()

def ans1(x):

count1=0

while x==1:

count1+=1

break

return count1

def ans2(y):

count2=0

while y==2:

count2+=1

break

return count2

def ans3(z):

count3=0

while z==3:

count3+=1

break

return count3

def ans4(v):

count4=0

while v==4:

count4+=1

break

return count4

# functions for checking the points scored by the individual

def pointsss(a):

ret=' '

if a==5:

print("\n")

print("\t","YOUR POINTS:5pps",'\n\n',"🎉😍😍😍😍😍🎉🤩🤩🤩🤩🤩🎉 AWESOME",'\n')

ret='#1ST 🥇🏆'

elif a==4:

print('\n')

print("\t", "YOUR POINTS:4ppps",'\n\n', "+++comments",'\n')

ret=' #2ND'

elif a==3:

print('\n')

print("\t","YOUR POINTS:3pp",'\n\n',"try level best comments",'\n')

ret=' #3RD'

else:

print('\n')

print('\t',"YOUR POINTS:",a ,"pp",'\n\n',"some comments",'\n')

ret=' -'

return ret

def firstcat():

print('\n') # first category

def firstlevel():

print("ques1",'\n') #quiz questionss and options

print("\t1option- ans",'\n\n',"\t2option",'\n\n',"\t3option",'\n\n',"\t4option",'\n')

an1=int(input("\t\tenter the correct option"))

po1=ans1(an1)

print("ques2",'\n')

print("\t1option",'\n\n',"\t2option",'\n\n',"\t3option-ans",'\n\n',"\t4option",'\n')

an2=int(input("\t\tenter the correct option"))

po2=ans3(an2)

print("ques3",'\n')

print("\t1option",'\n\n',"\t2option",'\n\n',"\t3option-ans",'\n\n',"\t4option",'\n\n')

an3=int(input("\t\tenter the correct option"))

po3=ans3(an3)

print("ques4",'\n')

print("\t1option",'\n\n',"\t2option",'\n\n',"\t3option",'\n\n',"\t4option-ans",'\n')

an4=int(input("\t\tenter the correct option"))

po4=ans4(an4)

print("ques5",'\n')

print("\t1option",'\n\n',"\t2option-ans",'\n\n',"\t3option",'\n\n',"\t4option",'\n')

an5=int(input("\t\tenter the correct option"))

po5=ans2(an5)

points1lvl=po1+po2+po3+po4+po5

ret=pointsss(points1lvl)

return points1lvl,ret

def seclevel():

print("ques1",'\n')

print("1option- ans",'\n\n',"2option",'\n\n',"3option",'\n\n',"4option",'\n')

a1=int(input("\t\tenter the correct option"))

p1=ans1(a1)

print("ques2",'\n')

print("1option",'\n\n',"2option",'\n\n',"3option-ans",'\n\n',"4option",'\n')

a2=int(input("\t\tenter the correct option"))

p2=ans3(a2)

print("ques3",'\n')

print("1option",'\n\n',"2option",'\n\n',"3option-ans",'\n\n',"4option",'\n')

a3=int(input("\t\tenter the correct option"))

p3=ans3(a3)

print("ques4",'\n')

print("1option",'\n\n',"2option",'\n\n',"3option",'\n\n',"4option-ans",'\n')

a4=int(input("\t\tenter the correct option"))

p4=ans4(a4)

print("ques5",'\n')

print("1option",'\n\n',"2option-aa",'\n\n',"3option",'\n\n',"4option",'\n')

a5=int(input("\t\tenter the correct option"))

p5=ans2(a5)

points2lvl=p1+p2+p3+p4+p5

ret=pointsss(points2lvl)

return points2lvl,ret

def thirdlevel():

print("ques1",'\n')

print("1option- ans",'\n\n',"2option",'\n\n',"3option",'\n\n',"4option",'\n')

n1=int(input("\t\tenter the correct option"))

o1=ans1(n1)

print("ques2",'\n')

print("1option",'\n\n',"2option",'\n\n',"3option-aa",'\n\n',"4option",'\n')

n2=int(input("\t\tenter the correct option"))

o2=ans3(n2)

print("ques3",'\n')

print("1option",'\n\n',"2option",'\n\n',"3option-aa",'\n\n',"4option",'\n')

n3=int(input("\t\tenter the correct option"))

o3=ans3(n3)

print("ques4",'\n')

print("1option",'\n\n',"2option",'\n\n',"3option",'\n\n',"4option-an",'\n')

n4=int(input("\t\tenter the correct option"))

o4=ans4(n4)

print("ques5",'\n')

print("1option",'\n\n',"2option-aa",'\n\n',"3option",'\n\n',"4option",'\n')

n5=int(input("\t\tenter the correct option"))

o5=ans2(n5)

points3lvl=o1+o2+o3+o4+o5

ret=pointsss(points3lvl)

print('\n',"\t\t\t\t\t\t\tGAME OVER!!!!!!!!!!!!!!!!!!!")

return points3lvl,ret

while True: # main program inside a function

print("\*"\*180)

print('\n')

print('\n\n',"1.level1",'\n\n',"2.level2",'\n\n',"3.level3",'\n\n',"4. EXIT")

ch=int(input("\t\tenter your choice:"))

if ch==1 :

nam1=input("\t\tENTER YOUR NAME:")

fir1,pri1=firstlevel()

ins1=" INSERT INTO recordss(NAME, CATEGORYLEVEL, POINTS, PRIZE) values('{}','{}',{},'{}')".format(nam1,'CATEGORY1-LEVEL1',fir1,pri1)

cursor.execute(ins1)

mycon.commit()

print('\n',"\t\t\tDO YOU WANT TO TRY ANY LEVEL",'\n')

elif ch==2:

nam2=input("\t\tENTER YOUR NAME:")

sec1,pri2=seclevel()

ins2=" INSERT INTO recordss(NAME, CATEGORYLEVEL, POINTS,PRIZE) values('{}','{}',{},'{}')".format (nam2, 'CATEGORY1-LEVEL2',sec1,pri2)

cursor.execute(ins2)

mycon.commit()

print('\n',"\t\t\tDO YOU WANT TO TRY ANY LEVEL",'\n')

elif ch==3:

nam3=input("\t\tENTER YOUR NAME:")

thir1,pri3=thirdlevel()

ins3=" INSERT INTO recordss(NAME, CATEGORYLEVEL, POINTS,PRIZE) values('{}','{}',{},'{}')".format (nam3, 'CATEGORY1-LEVEL2',sec3,pri3)

cursor.execute(ins3)

mycon.commit()

print('\n',"\t\t\tDO YOU WANT TO TRY ANY LEVEL",'\n')

elif ch==4:

break

else:

print(" INVALID CHOICE",'\n\n'," ENTER CORRECT CHOICE",'\n')

def seccat(): #second category

def firstlevel1():

print("ques1",'\n')

print("1option- ans",'\n\n',"2option",'\n\n',"3option",'\n\n',"4option",'\n')

q1=int(input("\t\tenter the correct option"))

z1=ans1(q1)

print("ques2",'\n')

print("1option",'\n\n',"2option",'\n\n',"3option-ans",'\n\n',"4option",'\n')

q2=int(input("\t\tenter the correct option"))

z2=ans3(q2)

print("ques3",'\n')

print("1option",'\n\n',"2option",'\n\n',"3option-ans",'\n\n',"4option",'\n\n')

q3=int(input("\t\tenter the correct option"))

z3=ans3(q3)

print("ques4",'\n')

print("1option",'\n\n',"2option",'\n\n',"3option",'\n\n',"4option-ans",'\n')

q4=int(input("\t\tenter the correct option"))

z4=ans4(q4)

print("ques5",'\n')

print("1option",'\n\n',"2option-ans",'\n\n',"3option",'\n\n',"4option",'\n')

q5=int(input("\t\tenter the correct option"))

z5=ans2(q5)

pointlvl1=z1+z2+z3+z4+z5

ret=pointsss(pointlvl1)

return pointlvl1,ret

def seclevel2():

print("ques1",'\n')

print("1option- ans",'\n\n',"2option",'\n\n',"3option",'\n\n',"4option",'\n')

qu1=int(input("\t\tenter the correct option"))

u1=ans1(qu1)

print("ques2",'\n')

print("1option",'\n\n',"2option",'\n\n',"3option-ans",'\n\n',"4option",'\n')

qu2=int(input("\t\tenter the correct option"))

u2=ans3(qu2)

print("ques3",'\n')

print("1option",'\n\n',"2option",'\n\n',"3option-ans",'\n\n',"4option",'\n')

qu3=int(input("\t\tenter the correct option"))

u3=ans3(qu3)

print("ques4",'\n')

print("1option",'\n\n',"2option",'\n\n',"3option",'\n\n',"4option-ans",'\n')

qu4=int(input("\t\tenter the correct option"))

u4=ans4(qu4)

print("ques5",'\n')

print("1option",'\n\n',"2option-aa",'\n\n',"3option",'\n\n',"4option",'\n')

qu5=int(input("\t\tenter the correct option"))

u5=ans2(qu5)

pointlvl2=u1+u2+u3+u4+u5

ret=pointsss(pointlvl2)

return pointlvl2,ret

def thirdlevel2():

print("ques1",'\n')

print("1option- ans",'\n\n',"2option",'\n\n',"3option",'\n\n',"4option",'\n')

qw1=int(input("\t\tenter the correct option"))

aa1=ans1(qw1)

print("ques2",'\n')

print("1option",'\n\n',"2option",'\n\n',"3option-aa",'\n\n',"4option",'\n')

qw2=int(input("\t\tenter the correct option"))

aa2=ans3(qw2)

print("ques3",'\n')

print("1option",'\n\n',"2option",'\n\n',"3option-aa",'\n\n',"4option",'\n')

qw3=int(input("\t\tenter the correct option"))

aa3=ans3(qw3)

print("ques4",'\n')

print("1option",'\n\n',"2option",'\n\n',"3option",'\n\n',"4option-an",'\n')

qw4=int(input("\t\tenter the correct option"))

aa4=ans4(qw4)

print("ques5",'\n')

print("1option",'\n\n',"2option-aa",'\n\n',"3option",'\n\n',"4option",'\n')

qw5=int(input("\t\tenter the correct option"))

aa5=ans2(qw5)

pointlvl3=aa1+aa2+aa3+aa4+aa5

ret=pointsss(pointlvl3)

return pointlvl3,ret

print('\n',"\t\t\t\t\tGAME OVER!!!!!!!!!!!!!!!!!!!")

while True: # main program inside function

print("\*"\*188)

print('\n',"1.LEVEL1",'\n\n',"2.LEVEL2",'\n\n',"3.LEVEL3",'\n\n',"4. EXIT")

h=int(input("\t\tenter your choice:"))

if h==1 :

nam1=input("\t\tENTER YOUR NAME:")

fir2,pri1=firstlevel2()

ins1="INSERT INTO recordss (NAME,CATEGORYLEVEL,POINTS,PRIZE) VALUES('{}','{}',{},'{}')".format(nam1,'CATEGORY2-LEVEL1',fri2,pri1)

cursor.execute(ins1)

mycon.commit()

print('\n',"\t\tDO YOU WANT TO TRY ANY LEVEL",'\n')

elif h==2:

nam2=input("\t\tENTER YOUR NAME:")

sec2,pri2=seclevel2()

ins2="INSERT INTO recordss (NAME,CATEGORYLEVEL,POINTS,PRIZE) VALUES('{}','{}',{},'{}')".format(nam2,'CATEGORY2-LEVEL2',sec2,pri2)

cursor.execute(ins2)

mycon.commit()

print('\n',"\t\tDO YOU WANT TO TRY ANY LEVEL",'\n')

elif h==3:

nam3=input("\t\tENTER YOUR NAME:")

thi2,pri3=thirdlevel2()

ins3="INSERT INTO recordss (NAME,CATEGORYLEVEL,POINTS,PRIZE) VALUES('{}','{}',{},'{}')".format(nam3,'CATEGORY2-LEVEL3',thi2,pri3)

cursor.execute(ins3)

mycon.commit()

print('\n',"\t\tDO YOU WANT TO TRY ANY LEVEL",'\n')

elif h==4:

break

else:

print("\t\t\tINVALID CHOICE",'\n\n',"\t\t\t\tENTER CORRECT CHOICE",'\n')

#MAIN PROGRAM

while True:

print('\n')

print("🎈"\*111)

print('\n')

print("\t\t\t\t\t\t\t WELCOME TO QUIZ GAME")

print('\n')

print("🎈"\*111,'\n')

print("\t\t\tHERE'S AN EXCITING GAME , HOPE YOU GUYS ENJOY IT......👇👇👇👇👇👇👇",'\n')

print(" \t\t\t\t\t1 . GAME RULES",'\n')

print(" \t\t\t\t\t2 . PLAY QUIZ",'\n')

print(" \t\t\t\t\t3 . RECORDS",'\n')

print(" \t\t\t\t\t4 . EXIT",'\n')

inn=int(input("\t\tENTER YOUR CHOICE :-) :"))

if inn==1:

print("game rules")

elif inn==2:

while True :

print("\n\t\t\t1 . CATEGORY" , '\n','\n',"\n\t\t\t2 . CATEGORY", '\n','\n' , "\n\t\t\t3 . EXIT" ,'\n' )

cat=int(input("\t\tENTER YOUR CHOICE:"))

if cat==1:

firstcat() #function call for first category

print("DO YOU WANT TO TRY OTHER CATEGORY",'\n' )

elif cat==2:

print("cat 2",'\n')

seccat() # function call for second category

elif cat==3:

print(" GAME OVER",'\n')

break

else:

print("\t\t\tINVALID CHOICE ","\n\n\t\tENTER CORRECT CHOICE!!!")

elif inn==3:

print("\t\t\t1. INDIVIDUAL RECORD",'\n')

print("\t\t\t2. ALL RECORDS",'\n')

choicee=int(input("\t\tENTER YOUR CHOICE 1/2:"))

if choicee==1:

namee=input("\tENTER YOUR NAME:")

print("\t\t\tCATEGORY 1",'\n')

print("\t\t\t\t\tLEVEL 1",'\n')

cmd="select NAME,POINTS,PRIZE from recordss where NAME='{}' and CATEGORYLEVEL='{}'".format(namee,'CATEGORY1-LEVEL1')

cursor.execute(cmd)

data1=cursor.fetchall()

f="%50s %50s %50s"

print("\n","="\*187)

print(f%("NAME","POINTS","PRIZE"))

print("\n","="\*187)

for i in data1:

for ii in i:

print("%49s" % ii,end=' ')

print()

print("\n","="\*187)

print("\n","\*"\*187)

print("\n\t\t\t\t\tLEVEL 2",'\n')

cmd2="select NAME,POINTS,PRIZE from recordss where NAME='{}'and CATEGORYLEVEL='{}'".format(namee,'CATEGORY1-LEVEL2')

cursor.execute(cmd2)

data2=cursor.fetchall()

print("\n","="\*187)

print(f%("NAME","POINTS","PRIZE"))

print("\n","="\*187)

for j in data2:

for ij in j:

print("%49s" % ij,end=' ')

print()

print("\n","="\*187)

print("\n","\*"\*187)

print("\n\t\t\t\t\tLEVEL 3",'\n')

cmd3="select NAME,POINTS,PRIZE from recordss where NAME='{}' and CATEGORYLEVEL='{}'".format(namee,'CATEGORY1-LEVEL3')

cursor.execute(cmd3)

data3=cursor.fetchall()

print("\n","="\*187)

print(f%("NAME","POINTS","PRIZE"))

print("\n","="\*187)

for k in data3:

for ik in k:

print("%49s" % ik,end=' ')

print()

print("\n","="\*187)

print("\n","\*"\*187)

print("\t\t\tCATEGORY 2",'\n')

print("\t\t\t\t\tLEVEL 1",'\n')

cmd4="select NAME,POINTS,PRIZE from recordss where NAME='{}' and CATEGORYLEVEL='{}'".format(namee,'CATEGORY2-LEVEL1')

cursor.execute(cmd4)

data4=cursor.fetchall()

print("\n","="\*187)

print(f%("NAME","POINTS","PRIZE"))

print("\n","="\*187)

for l in data4:

for il in l:

print("%49s" % il,end=' ')

print()

print("\n","="\*187)

print("\n","\*"\*187)

print("\t\t\t\t\tLEVEL 2",'\n')

cmd5="select NAME,POINTS,PRIZE from recordss where NAME='{}' and CATEGORYLEVEL='{}'".format(namee,'CATEGORY2-LEVEL2')

cursor.execute(cmd5)

data5=cursor.fetchall()

print("\n","="\*187)

print(f%("NAME","POINTS","PRIZE"))

print("\n","="\*187)

for m in data5:

for im in m:

print("%49s" % im,end=' ')

print()

print("\n","="\*187)

print("\n","\*"\*187)

print("\t\t\t\t\tLEVEL 3",'\n')

cmd6="select NAME,POINTS,PRIZE from recordss where NAME='{}' and CATEGORYLEVEL='{}'".format(namee,'CATEGORY2-LEVEL3')

cursor.execute(cmd6)

data6=cursor.fetchall()

print("\n","="\*187)

print(f%("NAME","POINTS","PRIZE"))

print("\n","="\*187)

for n in data6:

for iw in n:

print("%49s" % iw,end=' ')

print()

print("\n","="\*187)

print("\n","\*"\*187)

elif choicee==2:

cmd7="select \* from recordss"

cursor.execute(cmd7)

data7=cursor.fetchall()

f="%50s %50s %50s %40s"

print("\n","="\*187)

print(f%("NAME","CATEGORYLEVEL","POINTS","PRIZE",))

print("\n","="\*187)

for o in data7:

for ix in o:

print("%49s" % ix,end=' ')

print()

print("\n","="\*187)

print("\n","\*"\*187)

else:

print("\t\t\tINVALID CHOICE")

elif inn ==4:

print("\t\t\t\t\t\t\t\t BYE BYE")

break

else:

print('\n',"\t\t{{{{{INVALID CHOICE!!!!!!!!!!!!!!!!!!!!\t\tENTER CORRECT CHOICE}}}}}")