Tic-Tac-Toe

import os

import random

n=0

c=1

k=0

game=0

def dash():

print(" | | ")

print(" " + bo[1] + " | " + bo[2] + " | " + bo[3] + " ")

print(" | | ")

print("---|---|---")

print(" | | ")

print(" " + bo[4] + " | " + bo[5] + " | " + bo[6] + " ")

print(" | | ")

print("---|---|---")

print(" | | ")

print(" " + bo[7] + " | " + bo[8] + " | " + bo[9] + " ")

print(" | | ")

def check(l):

global o

k=0

for i in l:

k=k+1

for j in l[k:]:

d=15-(i+j)

if(d>0 and d<=9):

if d in r:

o=d

return True

return False

def pos(k):

global p

for i in range(1,10):

if(m[i]==k):

p=i

def checkwin():

k=0

for i in ma:

k=k+1

for j in (ma[k:]):

d=15-(i+j)

if d in ma:

if d!=i and d!=j:

return True

return False

def ran():

global n

n= random.randint(1,9)

if n in r:

pass

else:

ran()

m={1:8,2:1,3:6,4:3,5:5,6:7,7:4,8:9,9:2}

r=[8,1,6,3,5,7,4,9,2]

bo=["", " ", " ", " ", " ", " ", " ", " ", " ", " "]

l=[]

ma=[]

ch=1

p=0

print("If you want to play first choose 1 else 0 ")

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

while(game==0):

if(z==0):

z=1

c=c+1

dash()

print("Computer's turn")

if(check(l)):

l.append(o)

game=1

dash()

print("\*\*\*\*Computer won\*\*\*\*")

pos(o)

bo[p]='x'

elif(check(ma)):

l.append(o)

r.remove(o)

pos(o)

bo[p]='x'

else:

if 5 in r:

bo[5]='x'

r.remove(5)

l.append(5)

else:

print("using random")

ran()

pos(n)

bo[p]='x'

r.remove(n)

l.append(n)

dash()

if(c==10):

print("Game Tied..........")

dash()

break

if(game==0 and z==1):

z=0

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

c=c+1

ma.append(m[choice])

tem=m[choice]

r.remove(tem)

bo[choice]='o'

if(checkwin()):

print("Congratulations!,you won the Game.......")

dash()

game=1

if(c==10):

print("Game Tied")

dash()

game=1

break