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arr1=[a,b,c,d,e,f,g,h,i]
arr2=[a,b,c,d,e,f,g,h,i]
arr3=[0,0,0,0,0,0,0,0,0]
n1=[1,3,5,7,9]
n2=[0,2,4,6,8]
draw=1
count=0
while draw==1:
    while count<=9:
        p=1
        print("|",arr1[0],"|",arr1[1],"|",arr1[2],"|")
        print("|",arr1[3],"|",arr1[4],"|",arr1[5],"|")
        print("|",arr1[6],"|",arr1[7],"|",arr1[8],"|")
        print("n1","=",n1)
        x1=int(input("player1 choose num from n1"))
        for i in range(len(n1)):
            if n1[i]==x1:
                n1.remove(n1[i])
                p=0
        while p==1:
            print("n1","=",n1)
            x1=int(input("player1 please choose num from n1:"))
        d1=input("player1 choose position from board:")
        p=1
        while p==1:
            for i in range(len(arr1)):
                if arr1[i]==d1:
                    arr2.remove(arr1[i])
                    arr1[i]=x1
                    arr3[i]=x1
                    p=0
                    break
            d1=input("player1 please choose position from board:")
        count=count+1
        if ((arr2[0]+arr2[1]+arr2[2]==15) or (arr2[3]+arr2[4]+arr2[5]==15) or
(arr2[6]+arr2[7]+arr2[8]==15) or (arr2[2]+arr2[4]+arr2[6]==15) or
(arr2[0]+arr2[4]+arr2[8]==15) or (arr2[0]+arr2[3]+arr2[6]==15) or
(arr2[1]+arr2[4]+arr2[7]==15) or (arr2[2]+arr2[5]+arr2[8]==15)):
            print("player1 is winner")
            draw=0
            break
        p=1
        print("|",arr1[0],"|",arr1[1],"|",arr1[2],"|")
        print("|",arr1[3],"|",arr1[4],"|",arr1[5],"|")
        print("|",arr1[6],"|",arr1[7],"|",arr1[8],"|")
        print("n2","=",n2)

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x2=int(input("player2 choose num from n2:"))
for i in range(len(n2)):
    if n2[i]==x2:
        n2.remove(n2[i])
        p=0
while p==1:
    print("n2","=",n2)
    x2=int(input("player2 please choose num from n2:"))
d2=input("player2 choose position from board:")
p=1
while p==1:
    for i in range(len(arr1)):
        if arr1[i]==d1:
            arr2.remove(i)
            arr1[i]=x2
            arr3[i]=x2
            p=0
            break
    d2=input("player2 please choose position from board:")
    count=count+1
    if ((arr2[0]+arr2[1]+arr2[2]==15) or (arr2[3]+arr2[4]+arr2[5]==15) or
(arr2[6]+arr2[7]+arr2[8]==15) or (arr2[2]+arr2[4]+arr2[6]==15) or
(arr2[0]+arr2[4]+arr2[8]==15) or (arr2[0]+arr2[3]+arr2[6]==15) or
(arr2[1]+arr2[4]+arr2[7]==15) or (arr2[2]+arr2[5]+arr2[8]==15)):
        print("player2 is winner")
        draw=0
        break
if draw==1:
    print("no winner,try again")

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