#our board  
board = [0, 1, 2, 3, 4, 5, 6, 7, 8]  
# the board which will be displayed on screen  
board2 = ["postion0", "postion1", "postion2", "postion3", "postion4", "postion5",  
 "postion6", "postion7", "postion8"]  
# board to store number of the card  
board3 = [500, 600, 700, 800, 900, 1000, 1000, 1000, 10000]  
odd = [1, 3, 5, 7, 9] # odd numbers'cards  
even = [0, 2, 4, 6, 8] # even numbers'cards  
while (True):  
  
 player1 = int(input("enter odd number fom 0 to 9 :"))  
 while (True):  
  
 if (player1 in odd):  
 break  
 else:  
 print("erorr ")  
 player1 = int(input("enter valid odd number from 1 to 9 provided it is noy repetitiv: "))  
 odd.remove(player1) # use the card one time  
 # display the positions on screen  
 print(board2[0], '|', board2[1], '|', board2[2])  
 print(board2[3], "|", board2[4], "|", board2[5])  
 print(board2[6], "|", board2[7], "|", board2[8])  
 player1\_postion = int(input("enter postion: "))  
 while (True):  
 # check if this position empty or not  
 if (player1\_postion in board):  
 break  
 else:  
 print("erorr ")  
 player1\_postion = int(input("enter valid postion provided it is noy repetitiv: "))  
 board.remove(player1\_postion)  
 # as this postion already taken  
 board2[player1\_postion] = player1  
 board3[player1\_postion] = player1  
 # check rows  
 if (board3[0] + board3[1] + board3[2] == 15 ):  
 print(" player 1 is win")  
 break  
 elif (board3[3] + board3[4] + board3[5] == 15):  
 print(" player 1 is win")  
 break  
 elif (board3[6] + board3[7] + board3[8] == 15):  
 print(" player 1 is win")  
 break  
 elif (board3[0] + board3[3] + board3[6] == 15):  
 print(" player 1 is win") # check coloum 1  
 break  
 elif (board3[0] + board3[4] + board3[8] == 15):  
 print(" player 1 is win") # check diameter 1  
 break  
 elif (board3[2] + board3[4] + board3[6] == 15):  
 print(" player 1 is win") # check diameter 2  
 break  
 elif (board3[1] + board3[4] + board3[7] == 15):  
 print(" player 1 is win") # check column 2  
 break  
 elif (board3[2] + board3[5] + board3[8] == 15):  
 print(" player 1 is win") # check coloum 3  
 break  
 else:  
 pass  
 print(board2[0], '|', board2[1], '|', board2[2])  
 print(board2[3], "|", board2[4], "|", board2[5])  
 print(board2[6], "|", board2[7], "|", board2[8])  
 # display board again  
 if (len (board)==0):  
 print("end game \n Draw")  
 break  
 player2 = int(input("enter even number :"))  
 while (True):  
 if (player2 in even): # chech if num is even  
 break  
 else:  
 print("erorr ")  
 player2 = int(input("enter valid even number from 0 to 9 provided it is noy repetitiv :"))  
 even.remove(player2) # to use the card one time  
 print(board2[0], '|', board2[1], '|', board2[2])  
 print(board2[3], "|", board2[4], "|", board2[5])  
 print(board2[6], "|", board2[7], "|", board2[8])  
 player2\_postion = int(input("enter postion"))  
 while (True):  
 if (player2\_postion in board):  
 break  
 else:  
 print("erorr ")  
 player2\_postion = int(input("enter valid postion provided it is noy repetitiv :"))  
 #if the position already taken or if the position is wrong  
 board.remove(player2\_postion)  
 board2[player2\_postion] = player2  
 board3[player2\_postion] = player2  
 # check rows  
 if (board3[0] + board3[1] + board3[2] == 15):  
 print(" player 2 is win")  
 break  
 elif (board3[3] + board3[4] + board3[5] == 15):  
 print(" player 2 is win")  
 break  
 elif (board3[6] + board3[7] + board3[8] == 15):  
 print(" player 2 is win")  
 break  
 elif (board3[0] + board3[3] + board3[6] == 15):  
 print(" player 2 is win") # check coloum 1  
 break  
 elif (board3[0] + board3[4] + board3[8] == 15):  
 print(" player 2 is win") # check diameter 1  
 break  
 elif (board3[2] + board3[4] + board3[6] == 15):  
 print(" player 2 is win") # check diameter 2  
 break  
 elif (board3[1] + board3[4] + board3[7] == 15):  
 print(" player 2 is win") # check coloum 2  
 break  
  
 elif (board3[2] + board3[5] + board3[8] == 15):  
 print(" player 2 is win") # check coloum  
 break  
 else:  
 print(board2[0], '|', board2[1], '|', board2[2])  
 print(board2[3], "|", board2[4], "|", board2[5])  
 print(board2[6], "|", board2[7], "|", board2[8]) # display the broad to continue  
 if (len(board) == 0):  
 print("end game \n Draw")  
 break  
 else:  
 pass