**import** random  
  
**from** pip.backwardcompat **import** raw\_input  
  
show1 = [**''**, **''**, **''**, **''**, **''**, **''**, **''**, **''**, **''**, **''**]  
  
  
**def** game\_board(): *# print the board* print(**' ----------- '**)  
 print(**"|"**, **""**, board[0], **"|"**, **""**, board[1], **"|"**, **""**, board[2], **"|"**, )  
 print(**' ----------- '**)  
 print(**"|"**, **""**, board[3], **"|"**, **""**, board[4], **"|"**, **""**, board[5], **"|"**)  
 print(**' ----------- '**)  
 print(**"|"**, **""**, board[6], **"|"**, **""**, board[7], **"|"**, **""**, board[8], **"|"**)  
 print(**' ----------- '**)  
  
  
**def** check(char, s1, s2, s3): *# Function to check the 3 spots* **if** board[s1] == char **and** board[s2] == char **and** board[s3] == char:  
 **return True  
  
  
def** checkall(a): *#Function to check all the combinations* **if** check(**'a'**, 0, 1, 2):  
 **return True  
 if** check(**'a'**, 3, 4, 5):  
 **return True  
 if** check(**'a'**, 6, 7, 8):  
 **return True  
  
 if** check(**'a'**, 0, 3, 6):  
 **return True  
 if** check(**'a'**, 1, 4, 7):  
 **return True  
 if** check(**'a'**, 2, 5, 8):  
 **return True  
  
 if** check(**'a'**, 0, 4, 8):  
 **return True  
 if** check(**'a'**, 2, 4, 6):  
 **return True**count=0  
**while** count<10:  
 **while True**:  
 input1 = raw\_input(**"Enter the spot:"**) *# takes input* input1 = int(input1)  
  
 **if** show1[input1] != **'X' and** show1[input1] != **'O'**:  
 show1[input1] = **'X'  
  
 if** checkall(**'X'**) == **True**: *# Winner check* print(**"X wins. Here X means Player"**)  
 **break  
  
 while True and** count<9:  
 random.seed() *# Generating random number* computer = random.randint(0, 8)  
  
 **if** show1 [computer] != **'O' and** show1 [computer] != **'X'**:  
 show1 [computer] = **'O'  
  
 if** checkall(**'O'**)==**True**: *# Winner check* print(**"O wins"**)  
 **break  
  
 break  
  
 else**:  
 print(**'spot already taken or Invalid spot'**)  
 print(game\_board())  
  
count=count+1