```
class Test1
                                                 class Puzzles
Main
                                                 ] Y],[X[
_Get Board Size()
_Puzzles bord
                                                 size
_Play()
                                                 Puzzles
                                                 _[X][Y]=NEW [size][size]
Play
                                                 _This.size=size
__max Moves = Get Max Moves()
__While(!puzzle Ordered){
                                                 Puzzle Ordered
____print(bord)
                                                  For(i=1,i<size^2,i+=1){
____scrownwer()
____if(number Of Moves>= max Moves + 1)
____print("I Give Un!").
____get Number()
                                                    R=Random()
                                                    For(j=1,j<size^2,j+=1){
                                                     If [X(R)][Y(R)] = 0
    __print("I Give Up!");
                                                      [X(R)][Y(R)] = I
                                                      Break
                                                     R=(R+1)\% Size^2
                                                 }}
                                                 move Number
                                                 if (near Empty())
                                                  moving Number()
                                                 print puzzle
```