**LuxuryCondos!!!**

**solution1**

// ======= rooms =======

var rooms = {

livingRoom: { name:"Living Room", X:0, Y:0, W:12, H:18 },

kitchen: { name:"Kitchen", X:12, Y:0, W:12, H:12 },

bathroom: { name:"Bathroom", X:12, Y:12, W:12, H:6 },

bedroom: { name:"Bedroom", X:24, Y:0, W:12, H:18 }

}

console.dir(rooms);

// ======= myCondo =======

var myCondo = {

address: "1400 U St.",

floor: "2",

unit: "2-B",

rooms: rooms,

initialize: function() {

console.log("== initialize ==");

myCondo.makeRooms();

myCondo.nameRooms();

myCondo.sizeRooms();

},

// ======= makeRooms =======

makeRooms: function() {

console.log("== makeRooms ==");

var condoEl = document.getElementById('condo');

var nextRoomEl;

// == create div elements (with id, class); append to condo

$.each(myCondo.rooms, function(key, roomObj) {

nextRoomEl = document.createElement("div");

nextRoomEl.id = key;

nextRoomEl.className = "room";

condoEl.appendChild(nextRoomEl);

});

},

// ======= nameRooms =======

nameRooms: function() {

console.log("== nameRooms ==");

var condoEl = document.getElementById('condo');

var nextName, nextRoomEl, nextNameEl;

// == create label (p) elements (with class); append to room div

$.each(myCondo.rooms, function(key, roomObj) {

nextName = roomObj.name;

nextRoomEl = document.getElementById(key);

nextNameEl = document.createElement("p");

nextNameEl.innerHTML = nextName;

nextNameEl.className = "room-label";

nextRoomEl.appendChild(nextNameEl);

// == make room size labels

nextRoomEl = document.getElementById(key);

nextSizeEl = document.createElement("p");

nextSizeEl.innerHTML = roomObj.W + " x " + roomObj.H;

nextSizeEl.className = "size-label";

nextRoomEl.appendChild(nextSizeEl);

});

},

// ======= sizeRooms =======

sizeRooms: function() {

console.log("== sizeRooms ==");

var nextRoomEl, nextStyles;

// == set width and height of divs and position within condo div

$.each(myCondo.rooms, function(key, roomObj) {

// == locate rooms within condo (convert pixels to feet)

nextRoomEl = document.getElementById(key);

roomObj = myCondo.feetToPixels(roomObj);

nextStyles = "position:absolute; ";

nextStyles += "left:" + roomObj.X + "px; top:" + roomObj.Y + "px; ";

nextStyles += "width:" + roomObj.W + "px; height:" + roomObj.H + "px";

nextRoomEl.setAttribute("style", nextStyles);

});

},

// ======= feetToPixels =======

feetToPixels: function(roomObj) {

console.log("== feetToPixels ==");

roomObj.X = roomObj.X \* 10;

roomObj.Y = roomObj.Y \* 10;

roomObj.W = roomObj.W \* 10;

roomObj.H = roomObj.H \* 10;

return roomObj;

}

};

myCondo.initialize();