

# CHAPTER 5 – Building a House step by step

In this chapter we will deal with improving and upgrading the Building skill,

In addition, we will learn about defining the code from the script.



## Lesson 5.1 – Building a floor, walls and ceiling

Task – building a house with walls and ceiling In this lesson we will practice the construction skills more and build a house where the

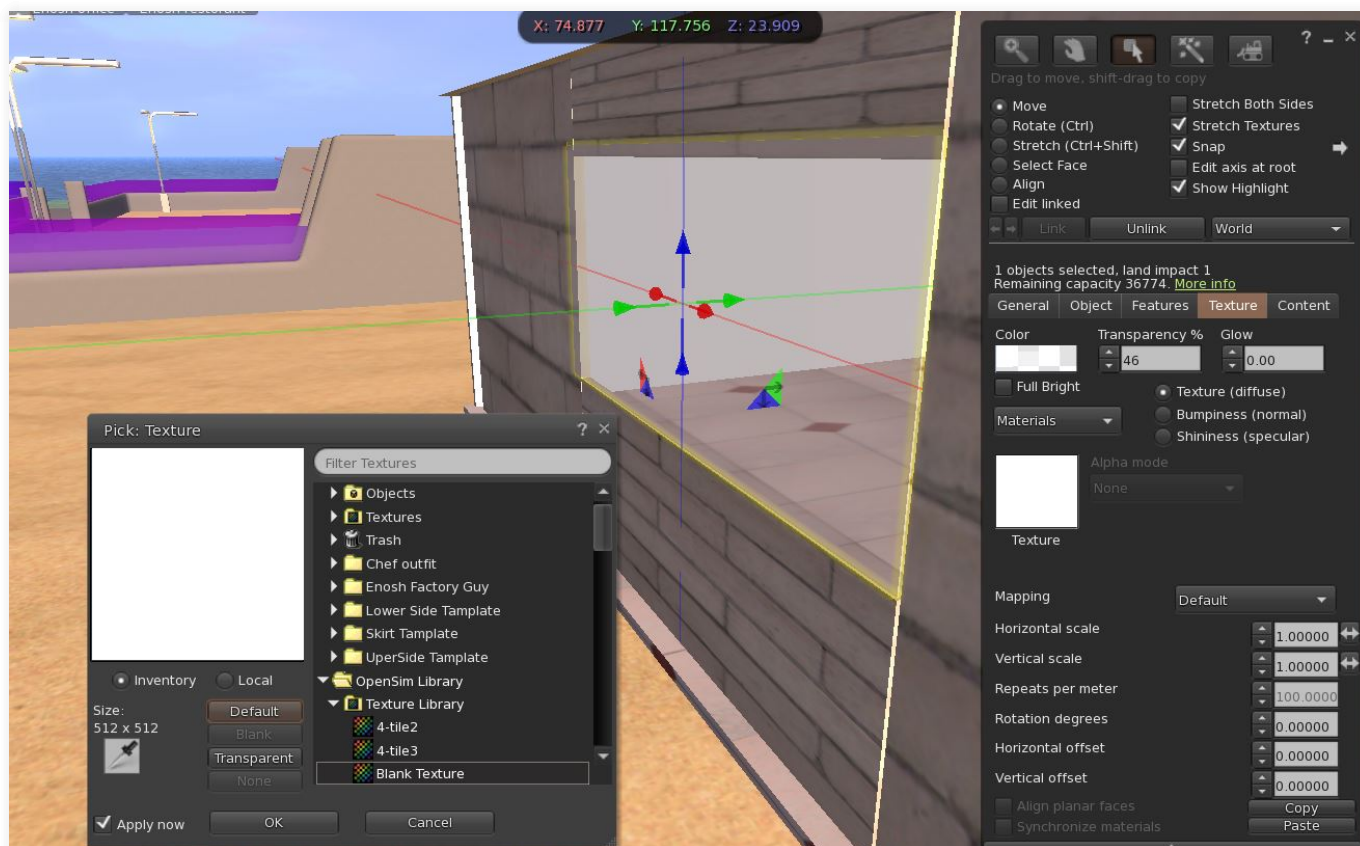
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## Lesson 5.2 – Adding textures to walls, floor and ceiling

Task: Add textures to the house. Once the house structure has been built, it is time to define colors that will match in terms of

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## Lesson 5.3 – Adding windows, ceiling and chimney

Task 1: Create a window and a chimney In this lesson we will start by preparing the place for the windows. Creating windows Open the

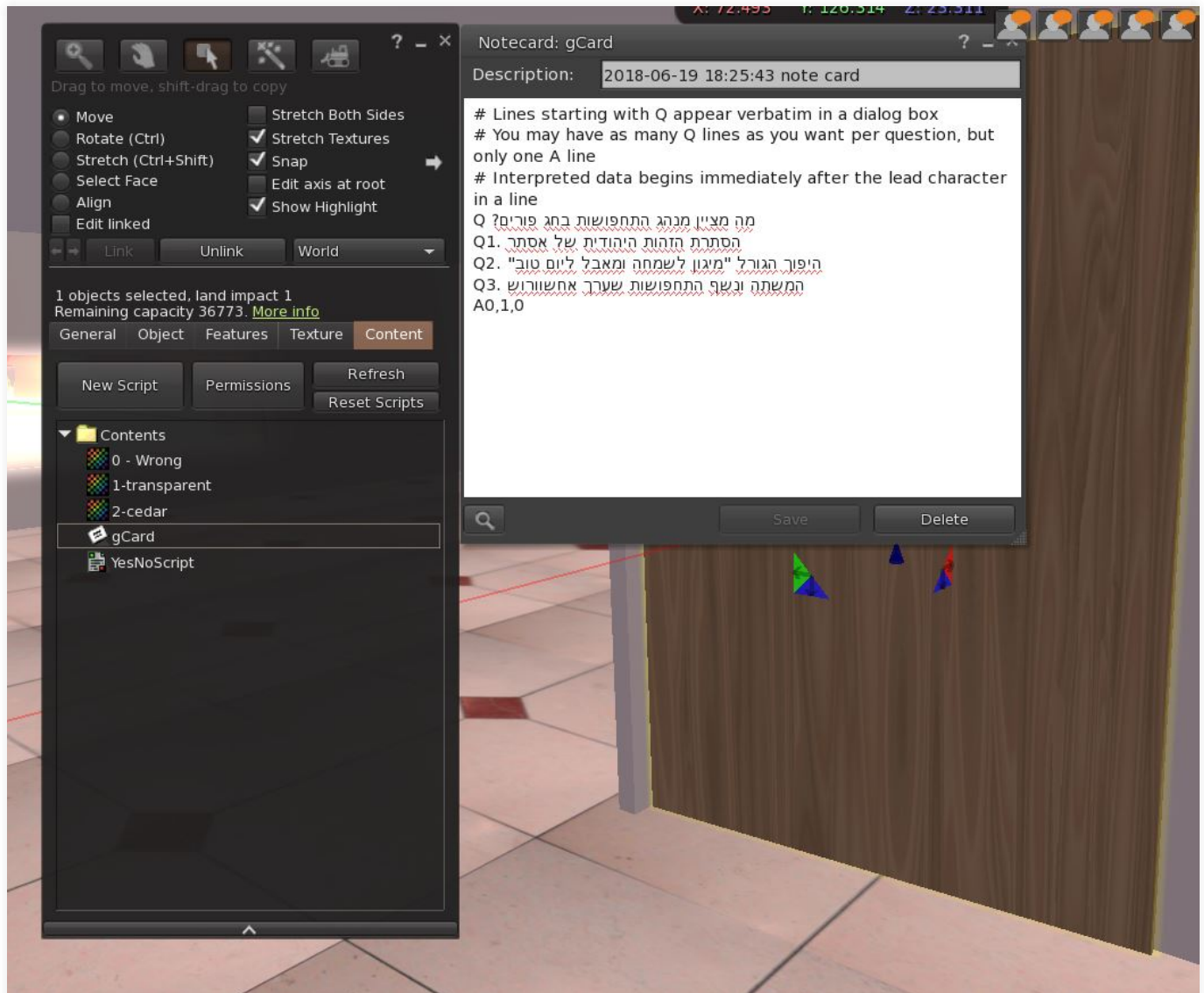
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## Lesson 5.4 – Adding a door

Task: Create a code door In order to enter the house, we will create a door that opens using a code. The Code Door is

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## Lesson 5.5 – Creating rooms and question doors

The task: dividing the house into rooms and creating a question door in one of the rooms In this lesson we will do the division

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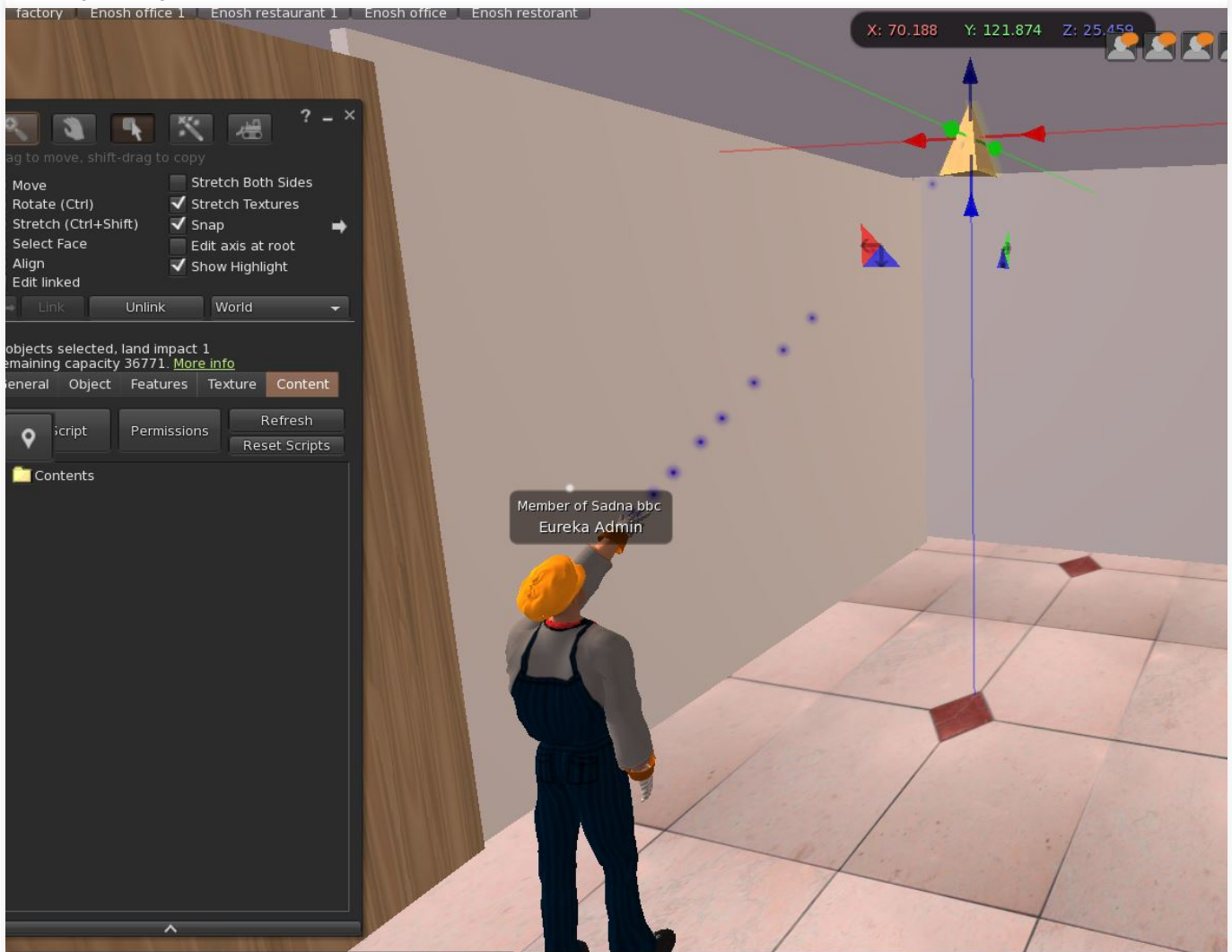




## Lesson 5.6 – Creating a lighted lamp (ready code)

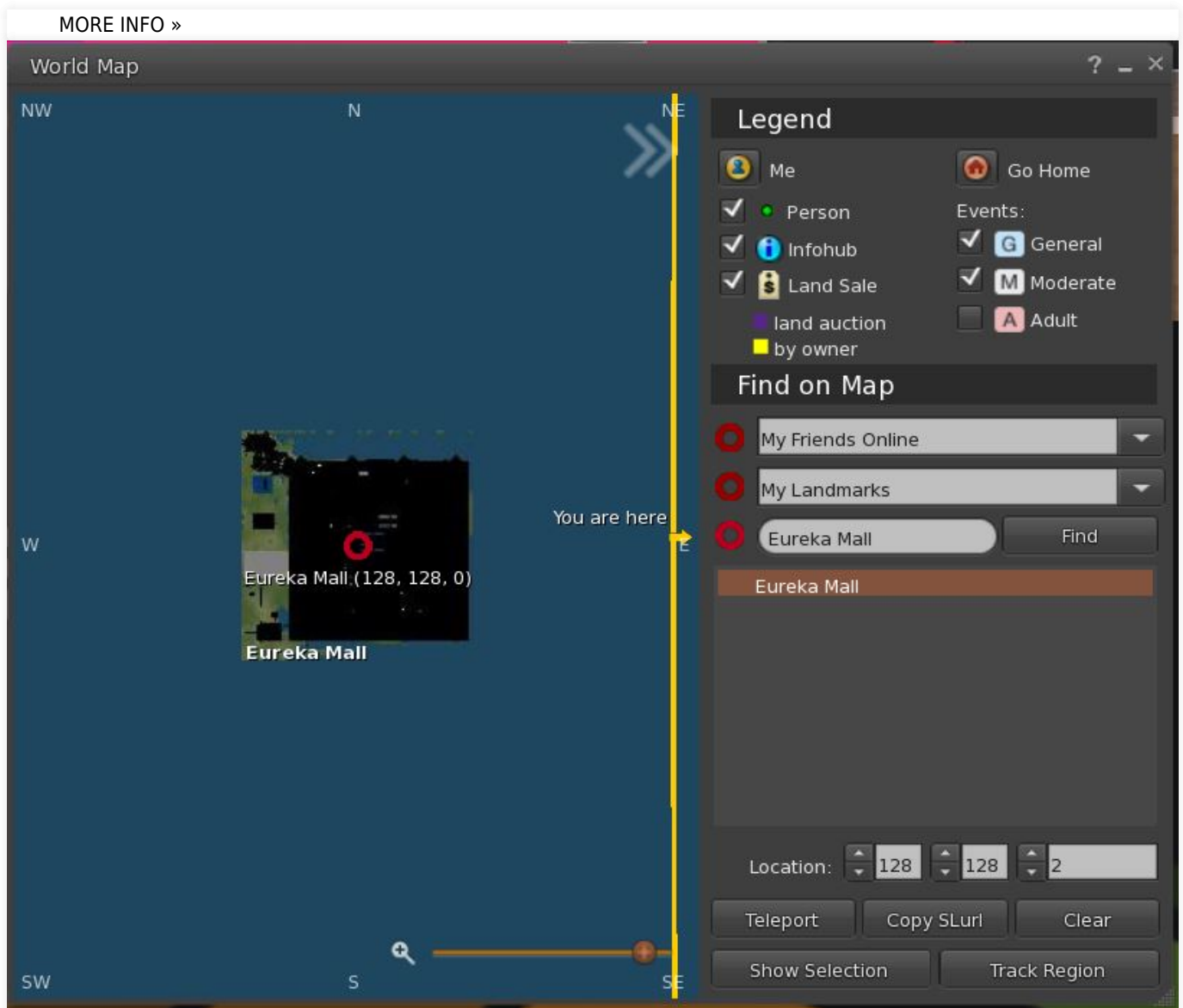
The task – creating a lamp In this lesson we will learn to create a lamp that can be lit by clicking on it. We

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## lesson 5.7 – creating a lamp breaker (ready code)

Task: Create a circuit breaker for the lamp of the previous lesson In this lesson we will learn to create a switch which will control



## Lesson 5.8 – Adding Furniture

Task: Adding furniture In this lesson we will get to know a new area in the world where you can purchase furniture and equipment for

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Blocks

LSL Script

When script is reset

integer **am I opened** = 0

When object clicked

if **am I opened==0**

Rotate 90 degrees vertically

integer **am I opened** = 1

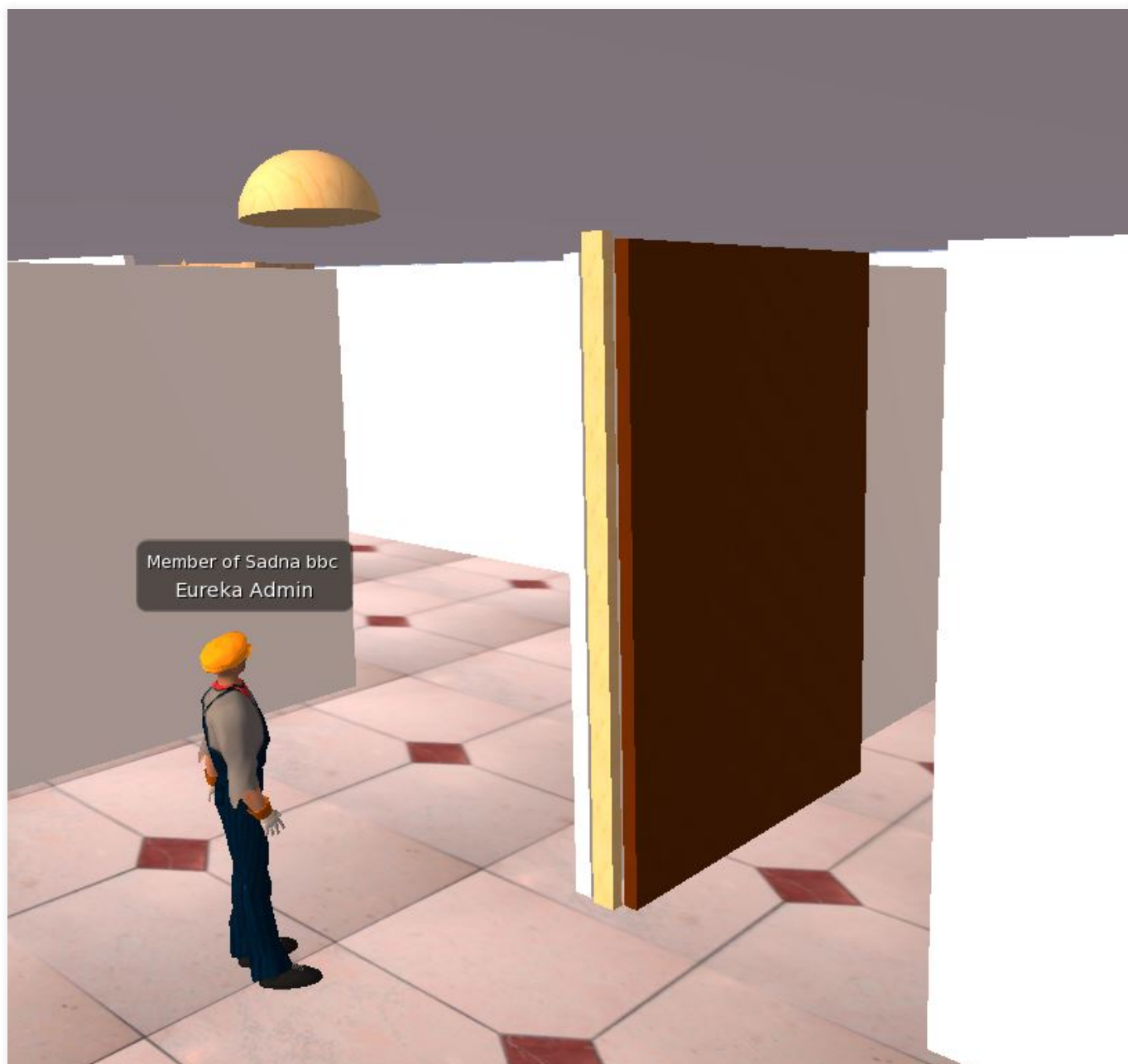
Rotate -90 degrees vertically

integer **am I opened** = 0

## Lesson 5.9 – Creating a Swivel Door

The task – creating a swivel door In this lesson we will create a swivel door. We will get to know a new programming environment,

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## Lesson 5.9.1 – Adding a Hinge to a Swivel Door

Task – Add a hinge to the door In the previous lesson we learned to create a door that opens in a round by clicking

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