



# Minecraft coding

## Lesson 1.1

# Introduction – Makecode

Presented by Advaspire Team



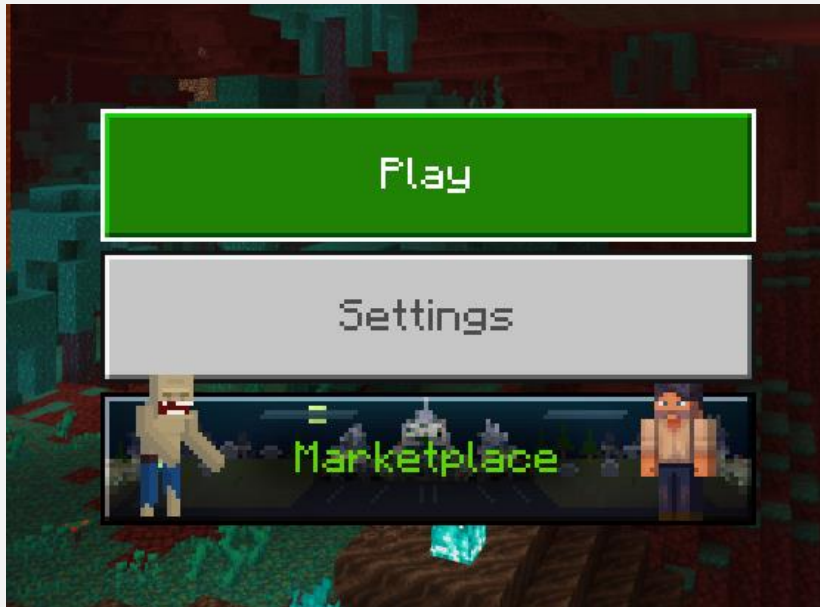
# What is Minecraft coding?



You build things by programming your agent robot



# Let's begin! Create the world!



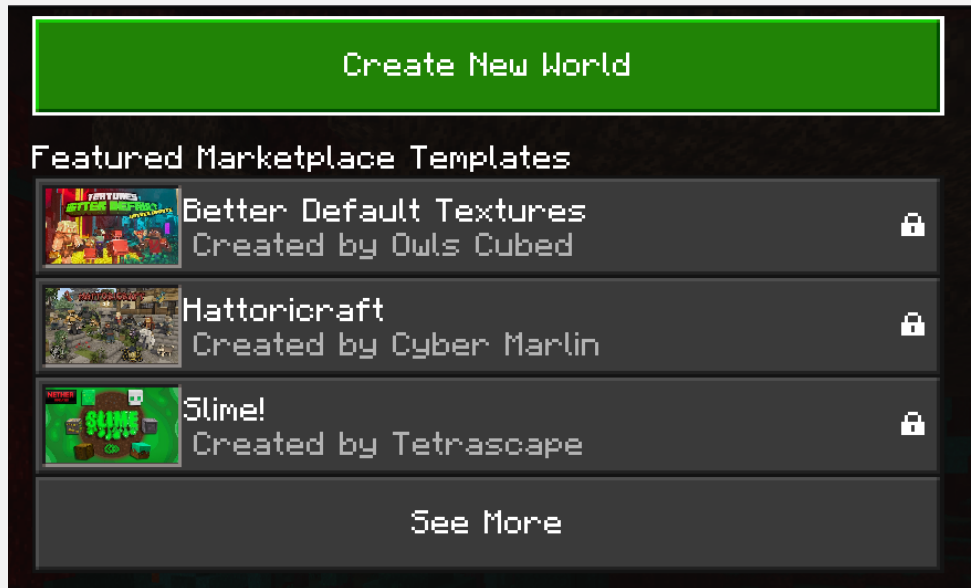
Click "Play" button



Click "Create New" button



# Let's begin! Create the world!



Click "Create New World"  
button

Change Game mode to Creative  
Difficulty to Peaceful



# Let's begin! Create the world!

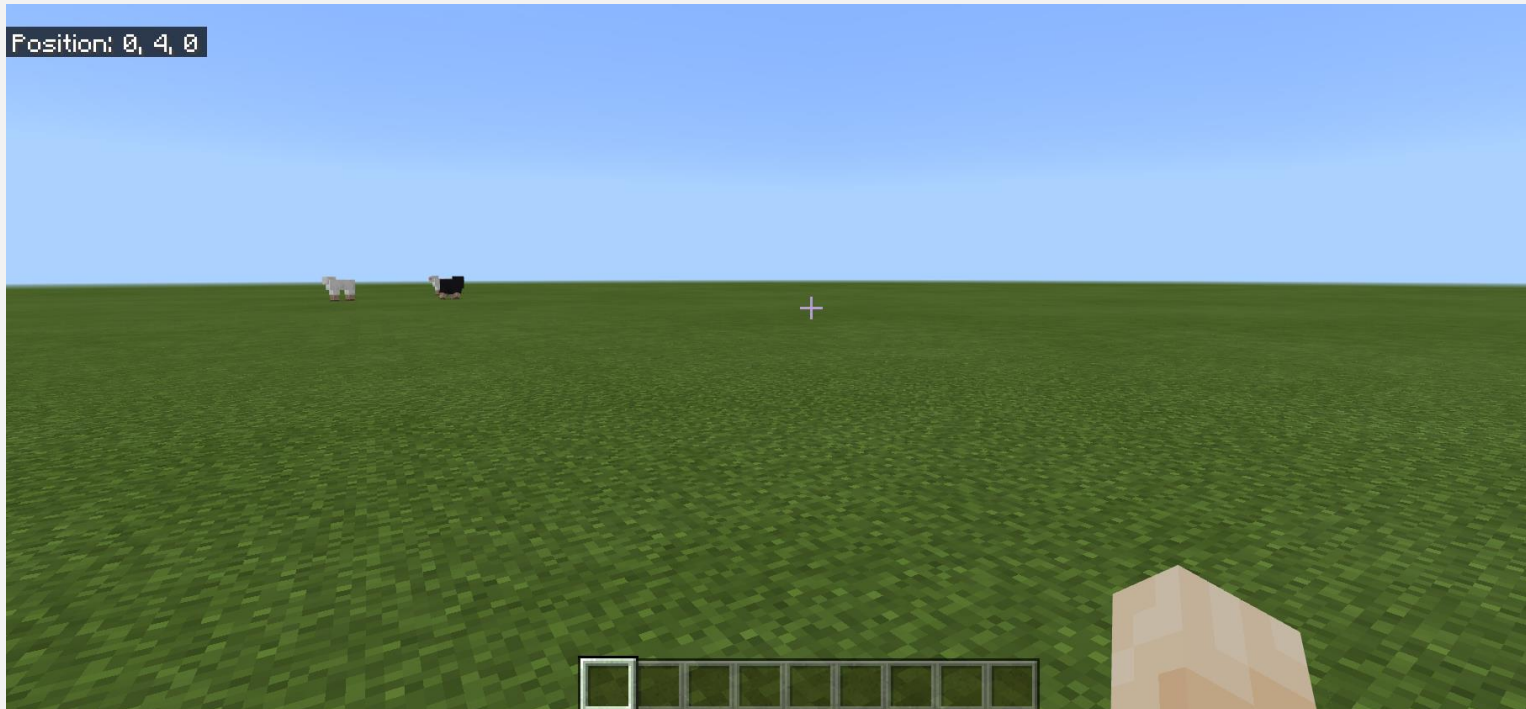


Click "Show Coordinates"  
button

Click "Create" button



# Now you are in the world

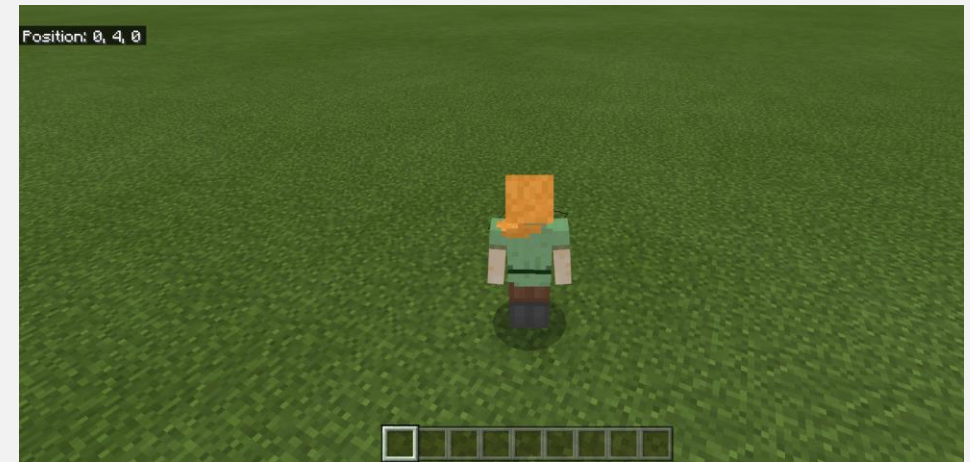
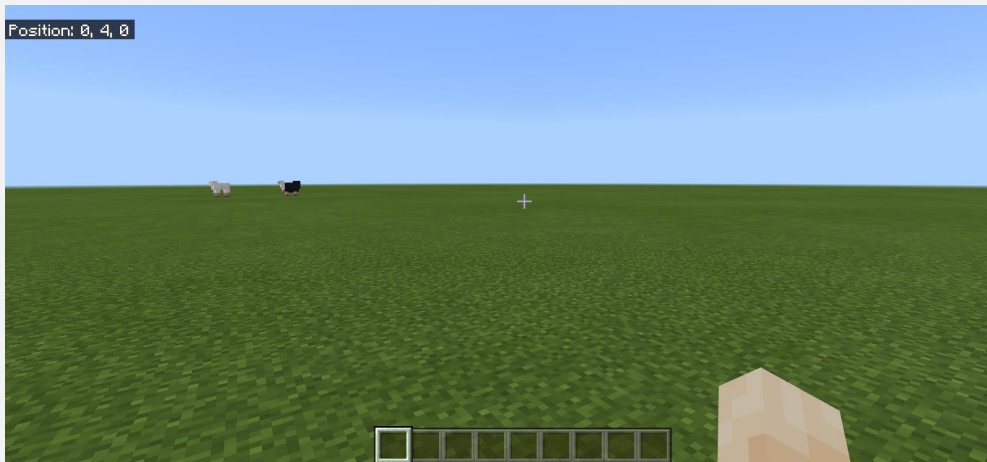


You can start to build





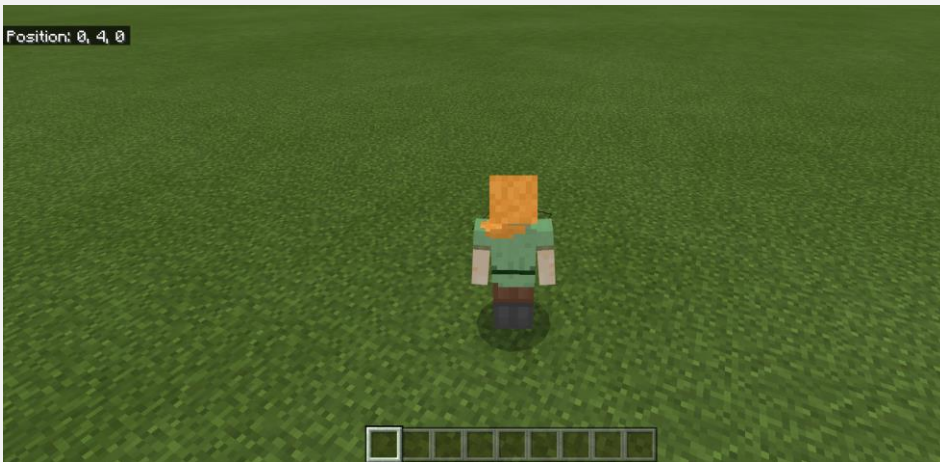
# Controlling your player



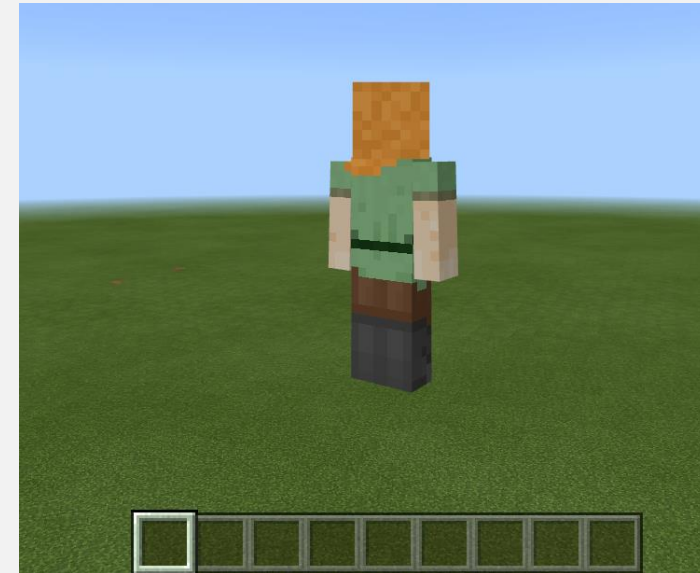
Change the view by pressing key F5



# Controlling your player



Press W, A, S, D is movement



Press double space is fly or landing  
Press shift is fly down  
Press space is fly up





# Controlling your player



Press E is open inventory



Use mouse to drag the item to your pocket



# Controlling your player



Right click to place item



Left click to break it



# Controlling your player



Press ESC to go here

**Basic control is finish!**

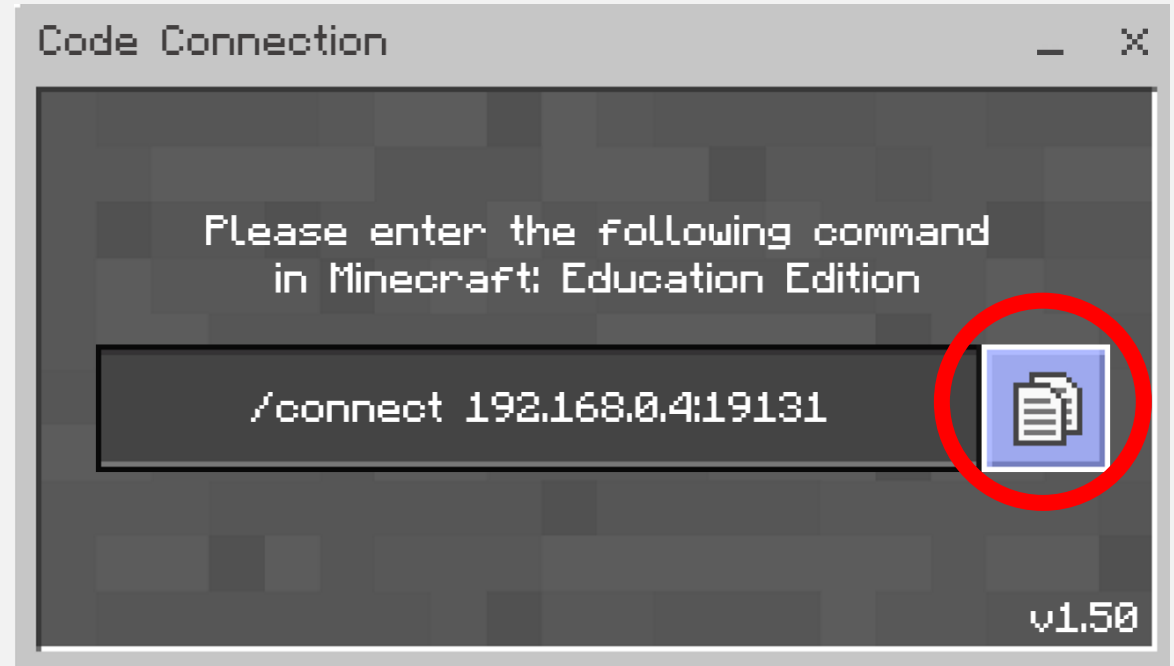
**Let's go to coding**



# Let's coding



Open Code connection



Click it to copy the text



# Let's coding



Press T and Press Ctrl + V  
To paste the text  
And press Enter button



Your agent robot is here

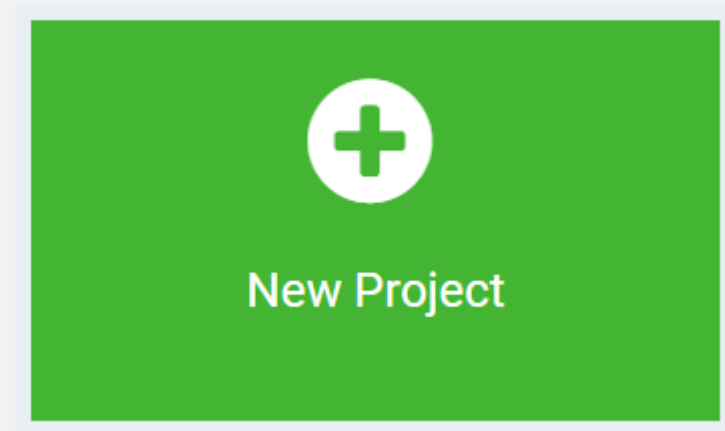


# Let's coding



Go to Code connection  
Choose MakeCode

My Projects >



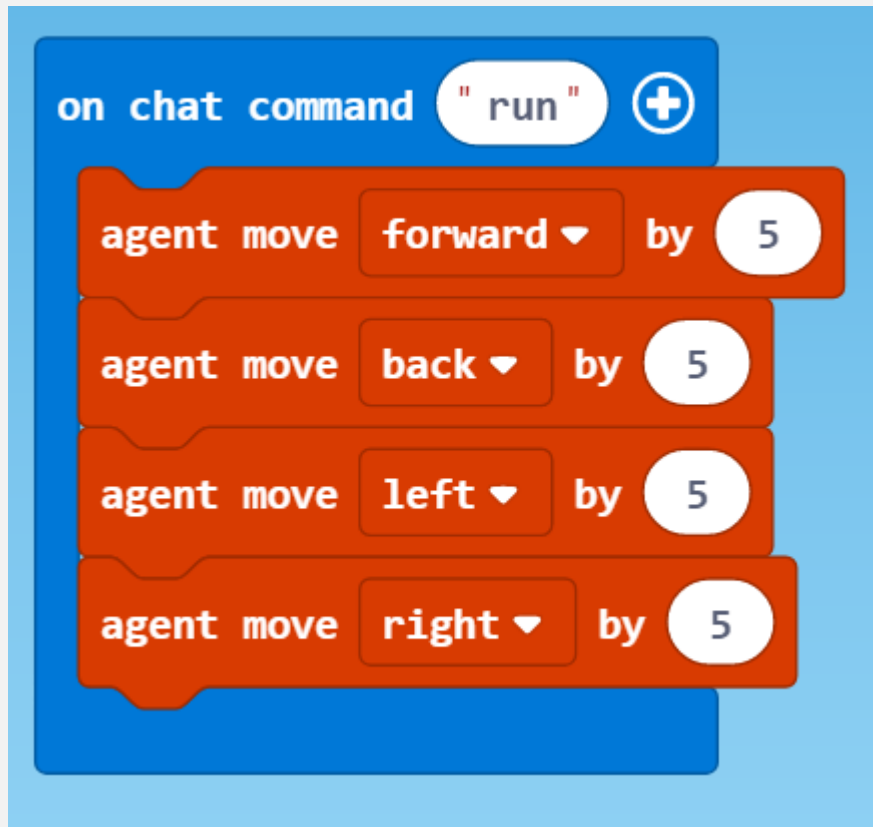
Click on "New Project"



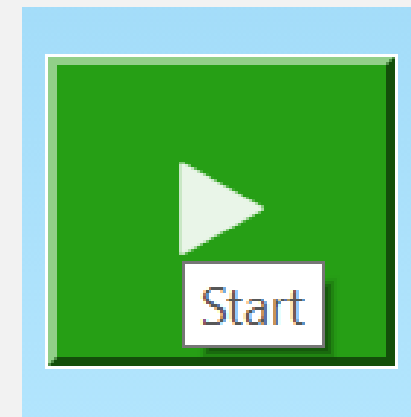


# Player Program Block:

## On chat command for movement



Sending command to make agent move forward, backward, up, down, turn right and left



Press start to run coding



# How to trigger your command?



Go back Minecraft



Type "Run"  
And Enter



# Your agent start running



You can run again by typing this command again





# How to give items to your agent



Close to your agent and right  
click on it



Drag your items to agent pocket



# Player Program Block:

## On chat command for placing item

Sending command to place items on the ground



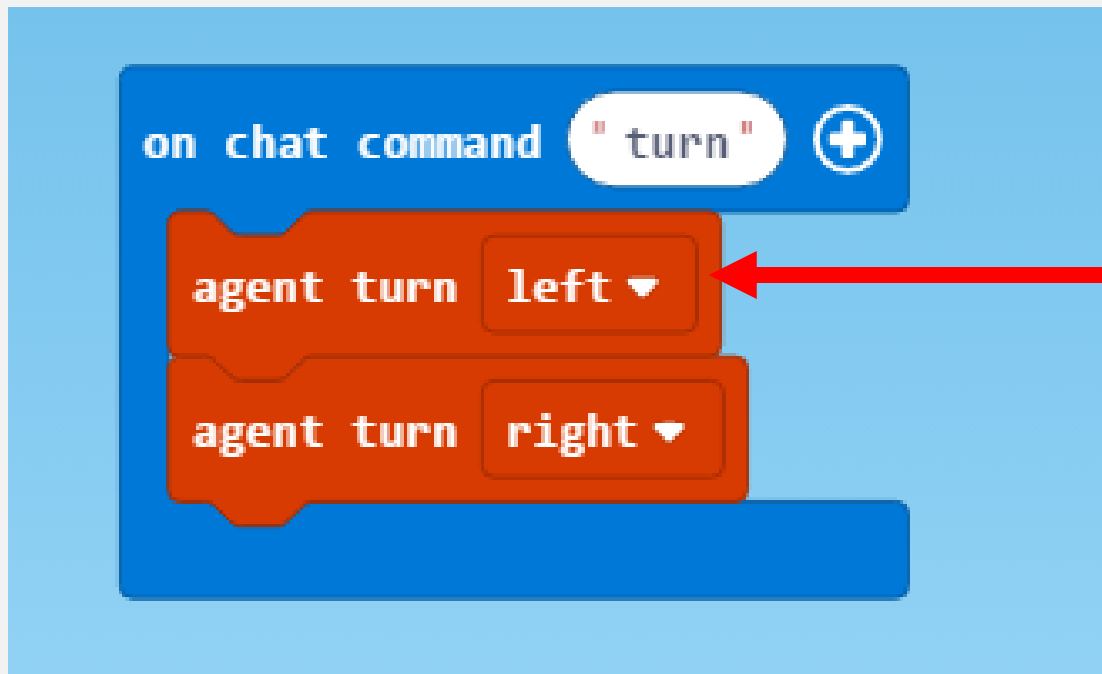
Place the item at different position



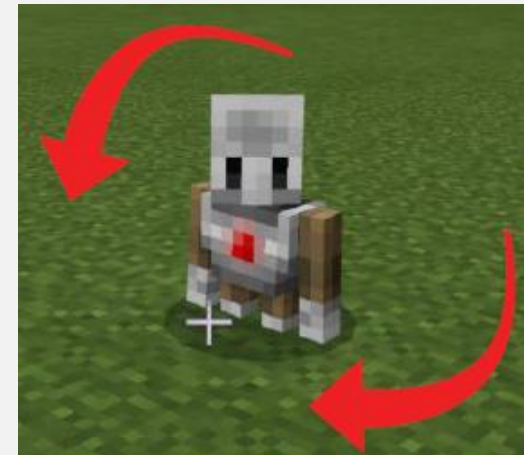
# Player Program Block:

## On chat command for turn direction

Sending command to turn the agent direction



Repeat 5 times to build 5 blocks  
In a line

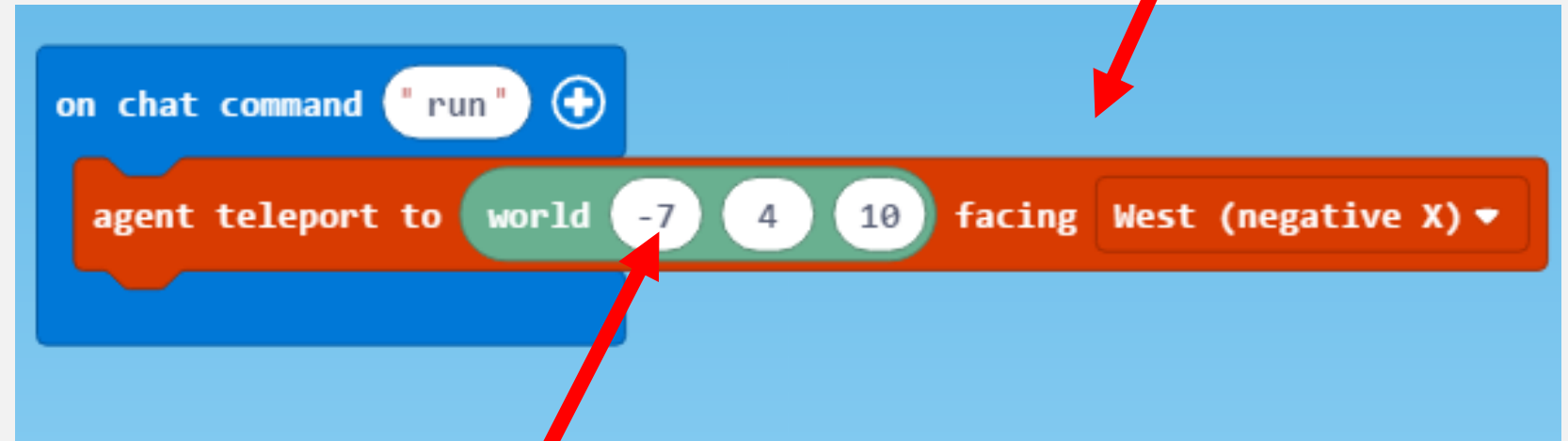






# Player Program Block:

## On chat command for teleport



Make sure this is world coordination

Position: -7, 4, 10

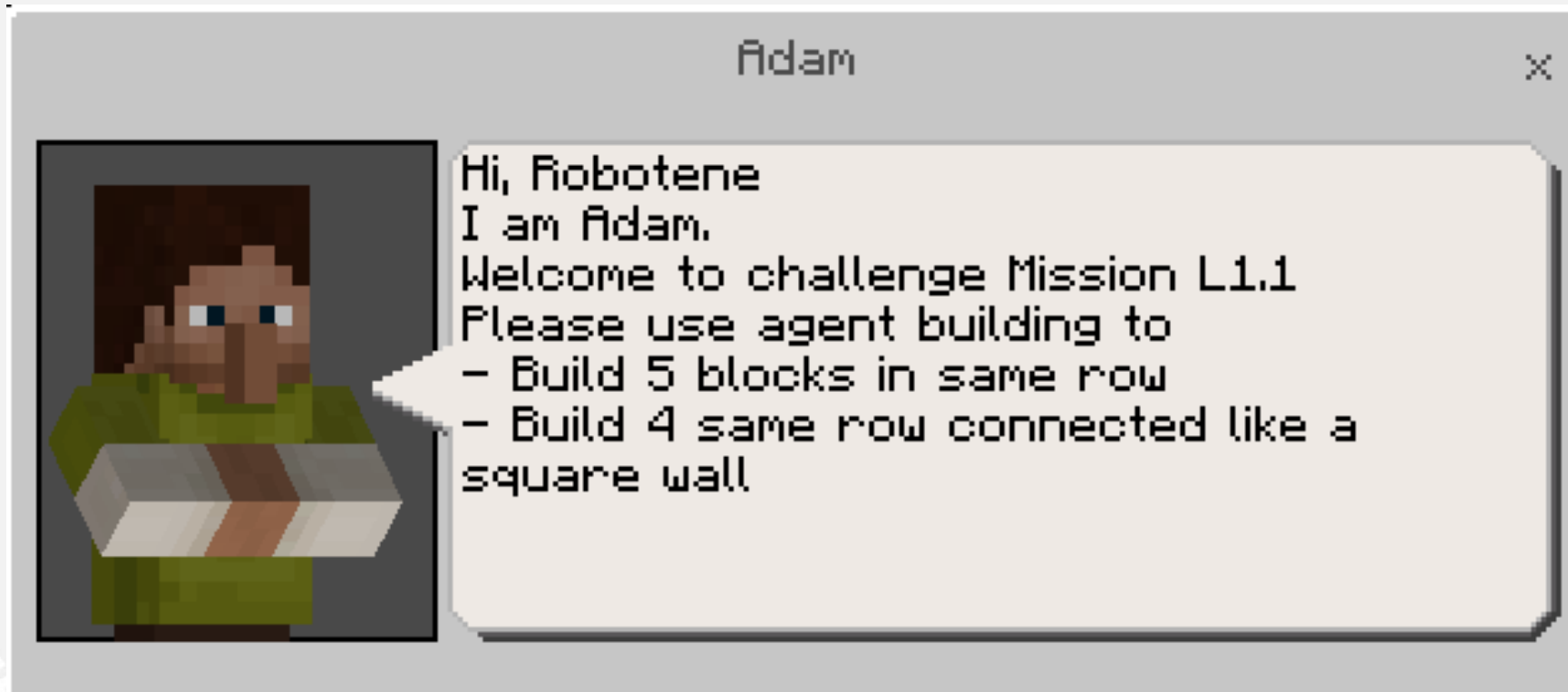
Agent will teleport according to the coordination of world



# ASSIGNMENT *for*

## ***Lesson 1.1***

# Mission 1.1



# Mission 1.1



Build a square wall (5x5) on target place

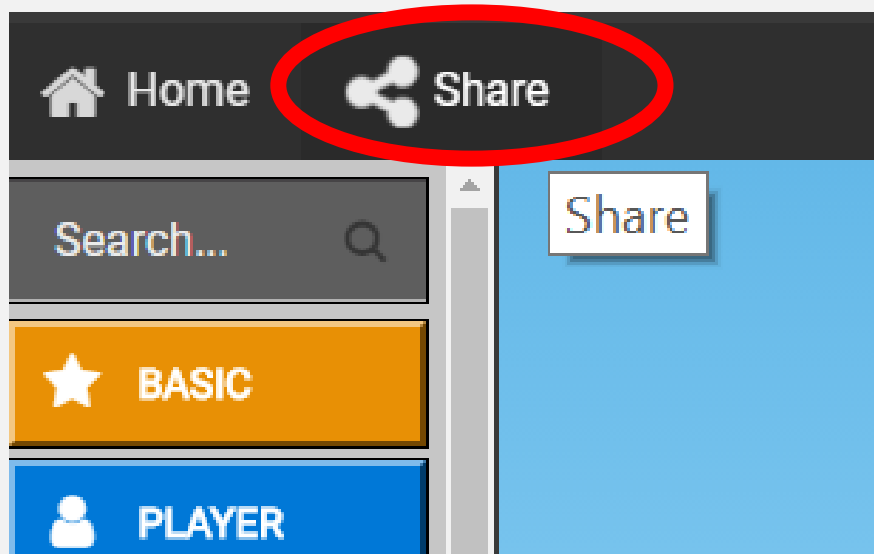
# Mission 1.1



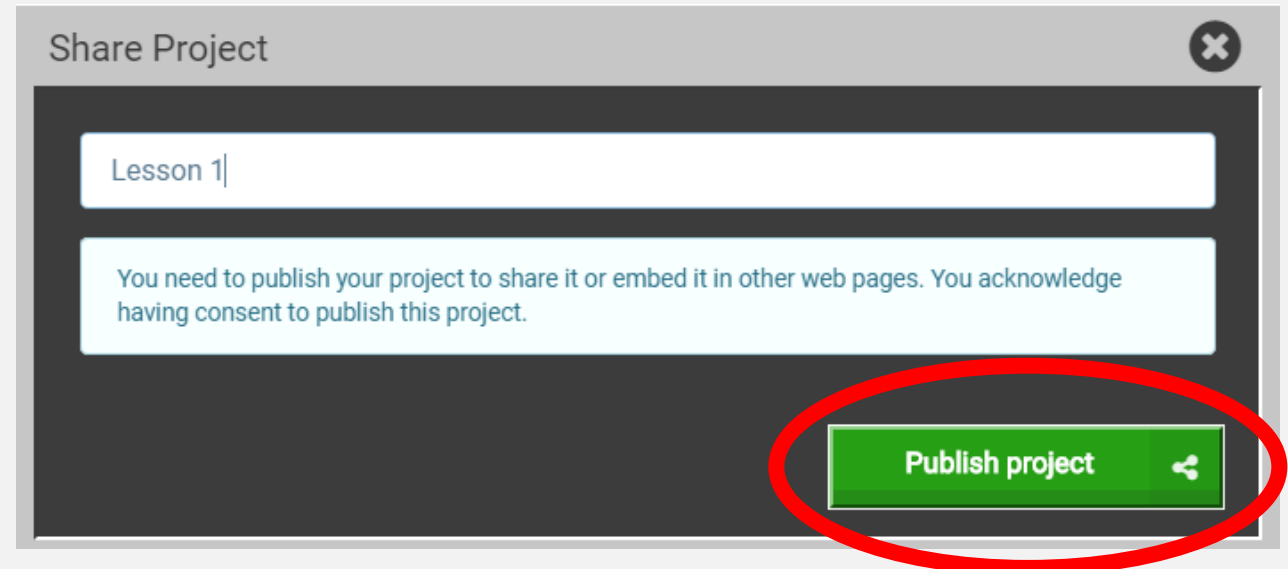
Simple task ~ Let's do it



# Share your missions



Click the share button

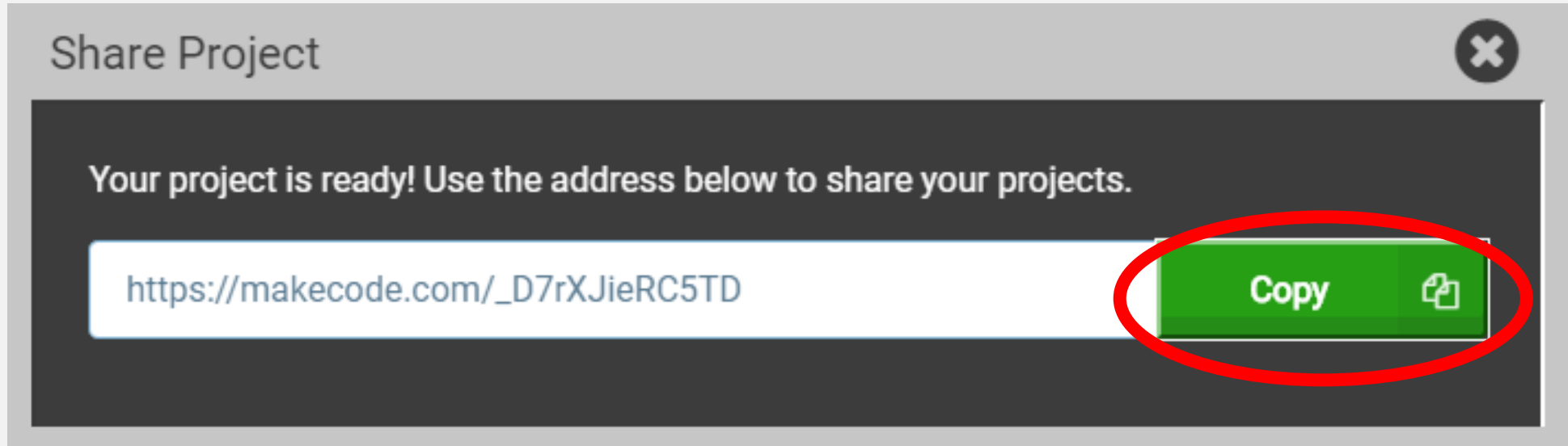


Click the Publish project





# Share your missions



Click the Copy button



# Share your missions

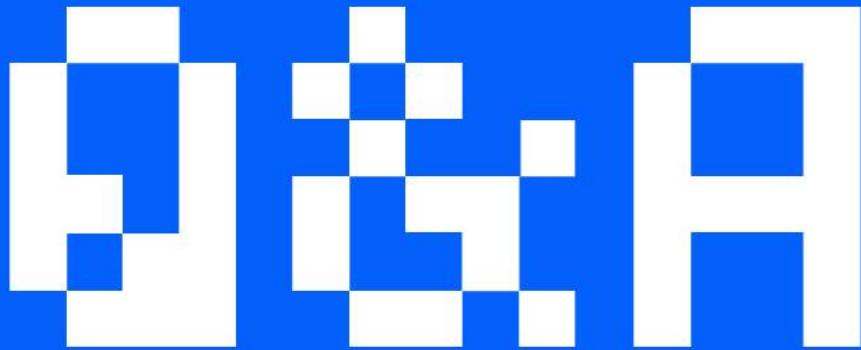


Press Ctrl + V to paste the copied link to teacher  
And send this link to him

## Mission Complete



You can direct message your teacher and ask your question through [Slack Robotene Community](#) or arrange a [One-to-One Consultation](#) with your teacher.



# Any Questions?



Thank you :)