



Minecraft coding

Lesson 1.1

Introduction – Makecode

Presented by Advaspire Team



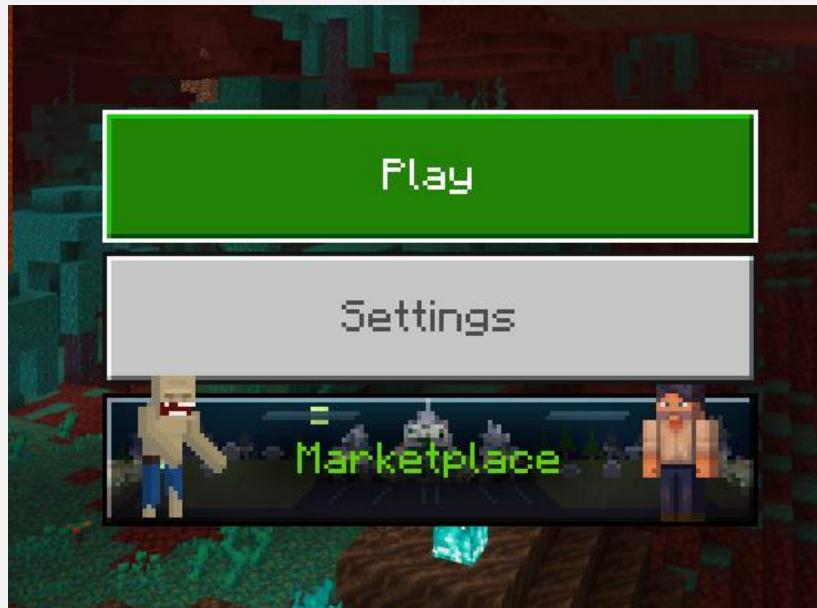
What is Minecraft coding?



You build things by programming your agent robot



Let's begin! Create the world!



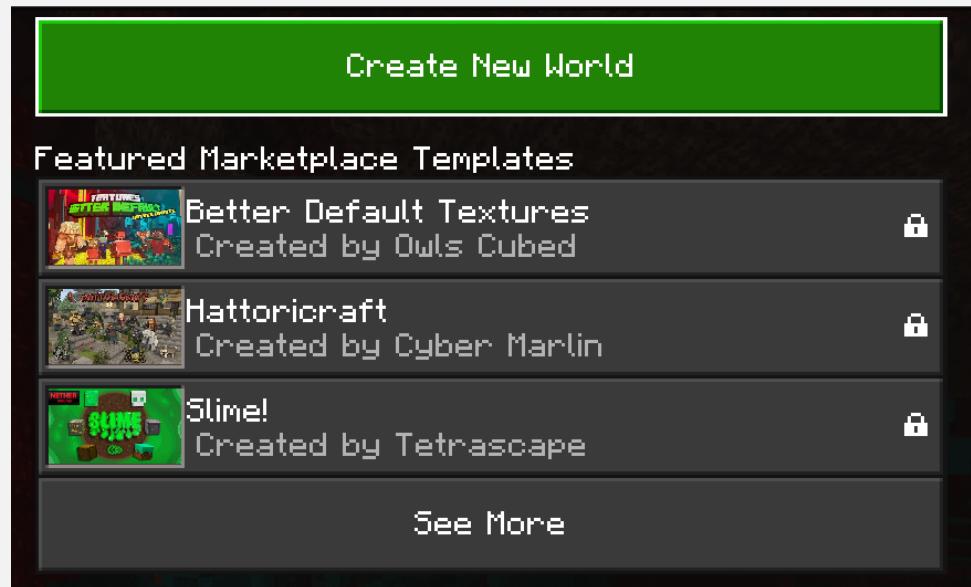
Click “Play” button



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!

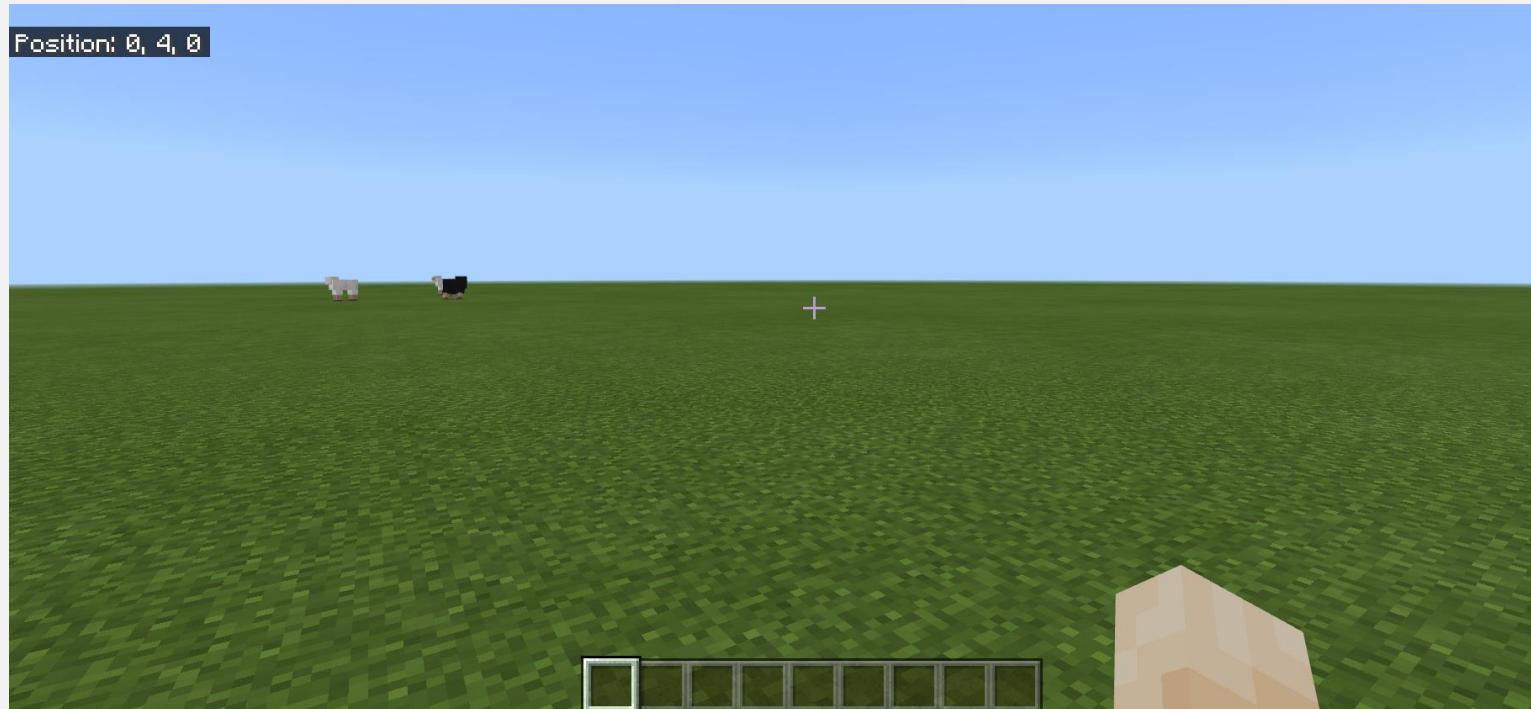


Click “Show Coordinates” button

Click “Create” button



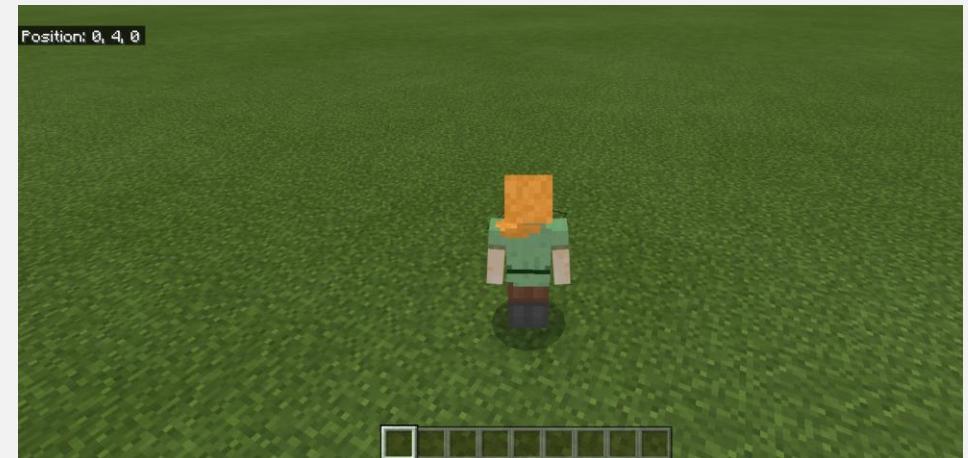
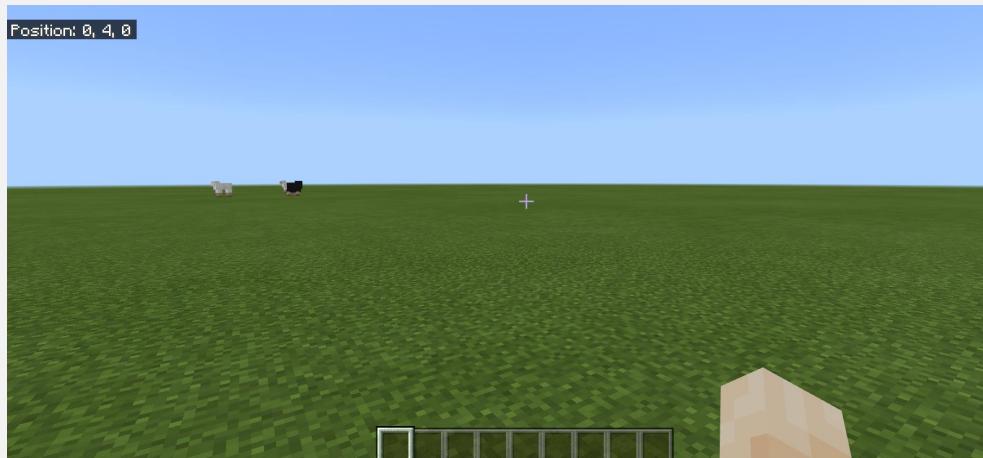
Now you are in the world



You can start to build



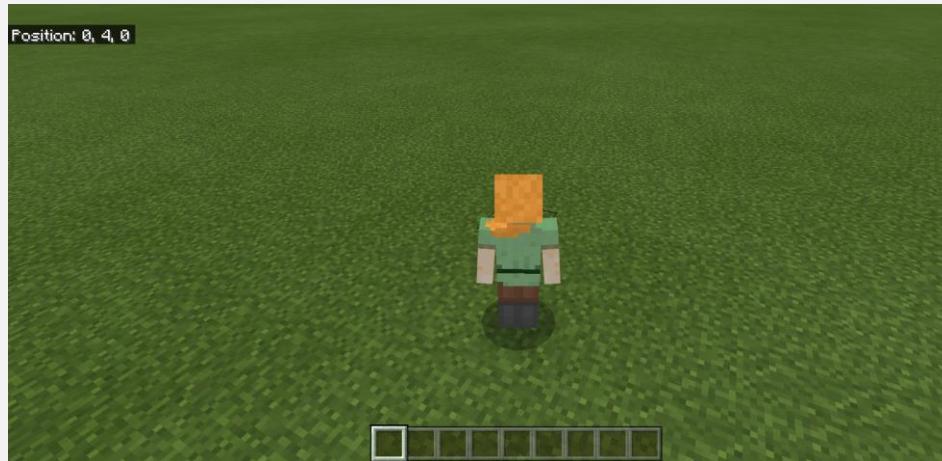
Controlling your player



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



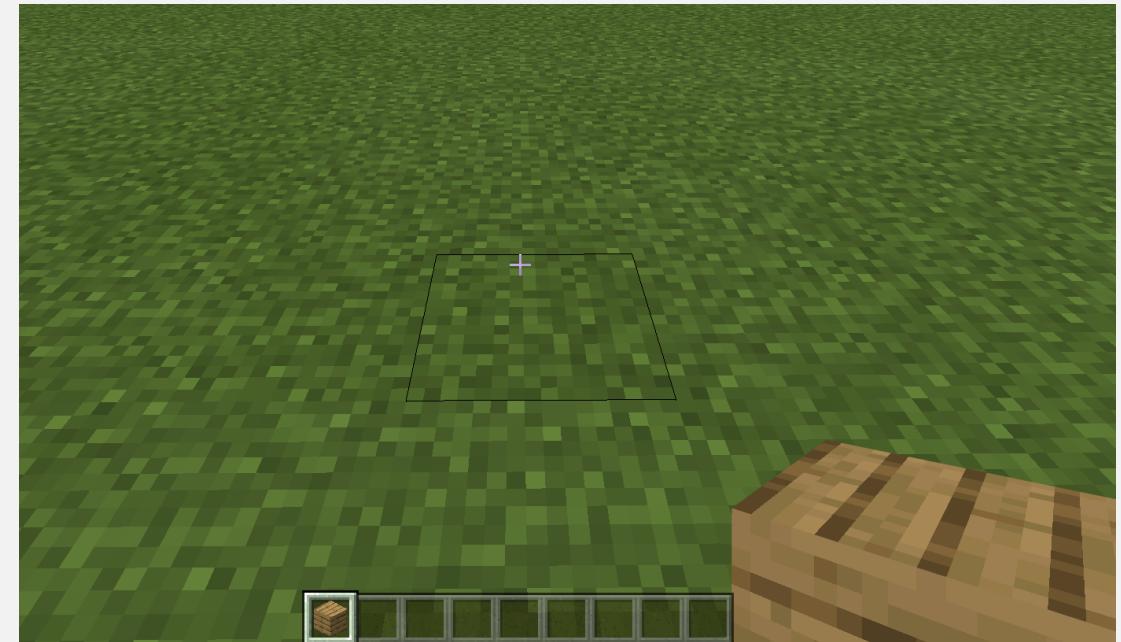
Use mouse to drag the item to your pocket



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!

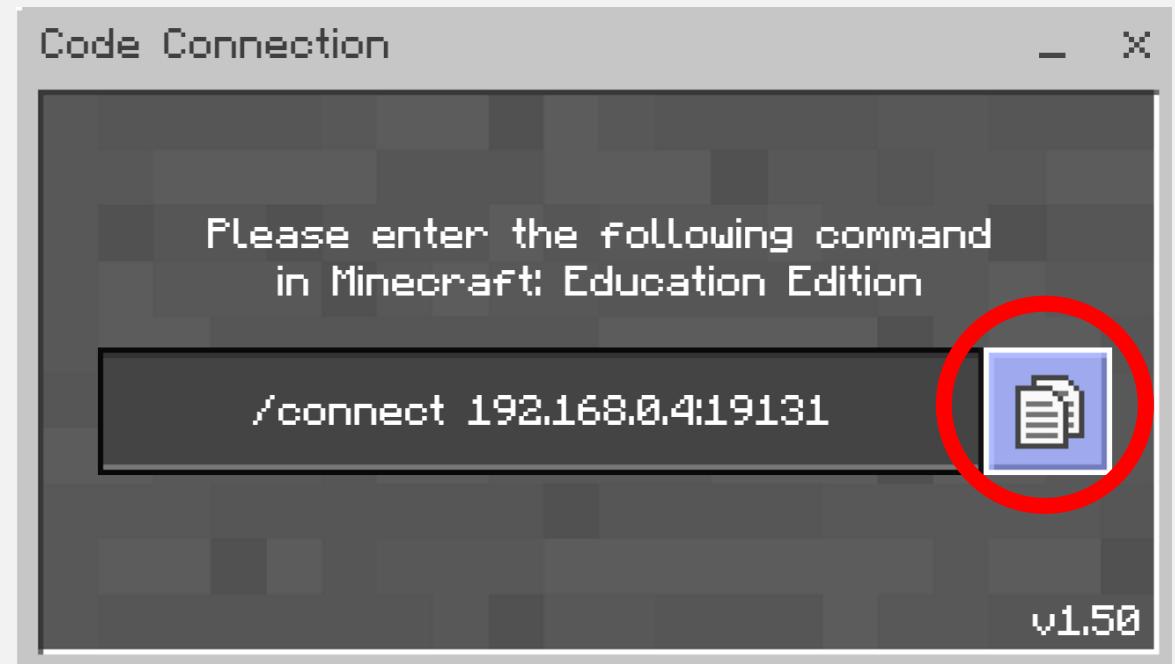
Let's go to coding



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

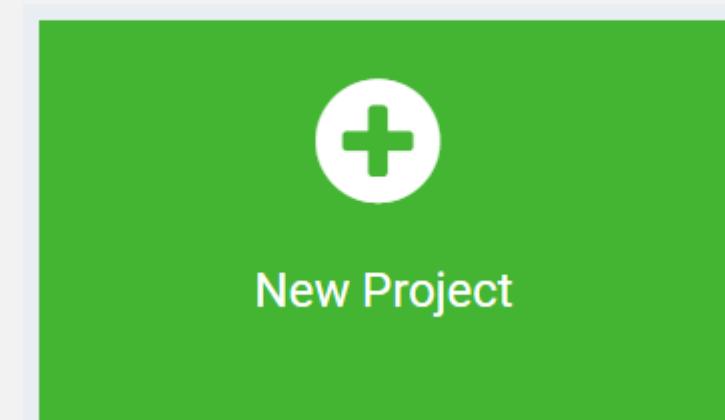


Let's coding



Go to Code connection
Choose MakeCode

My Projects >



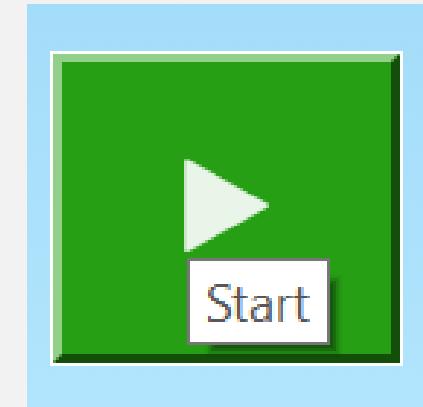
Click on “New Project”



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?



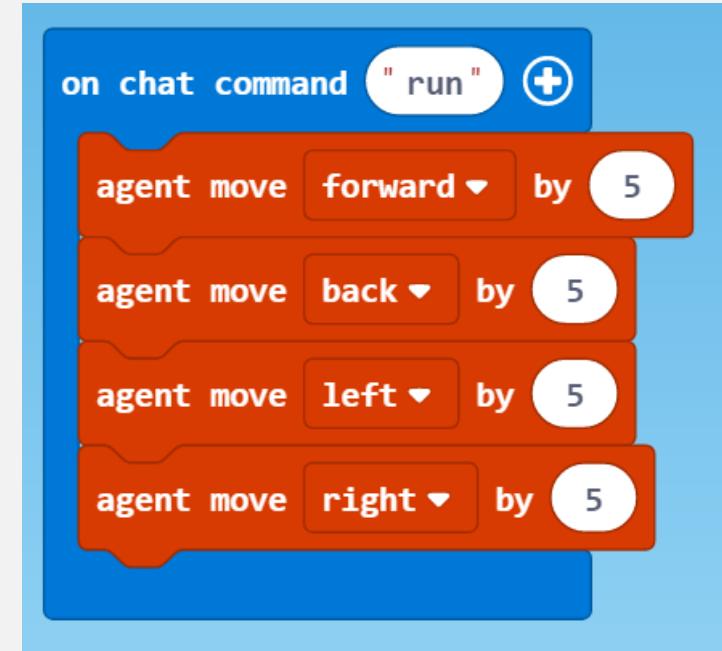
Go back Minecraft



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



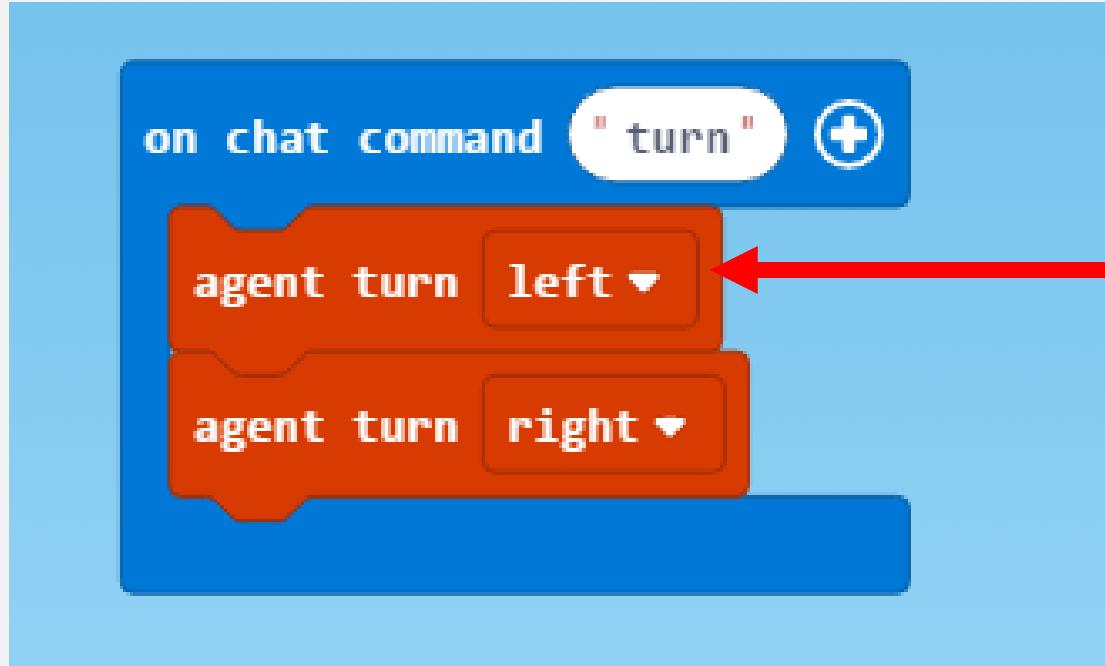
Place the item at different position



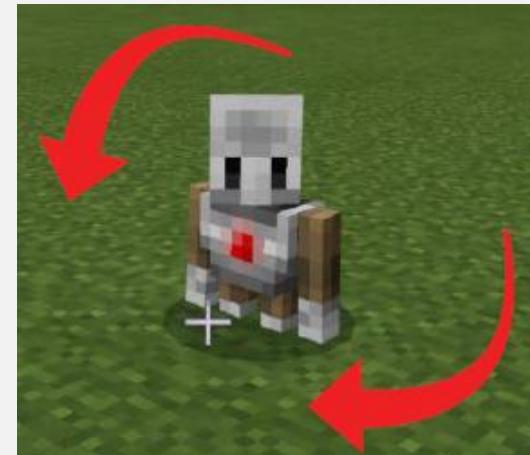
Player Program Block:

On chat command for turn direction

Sending command to turn the agent direction



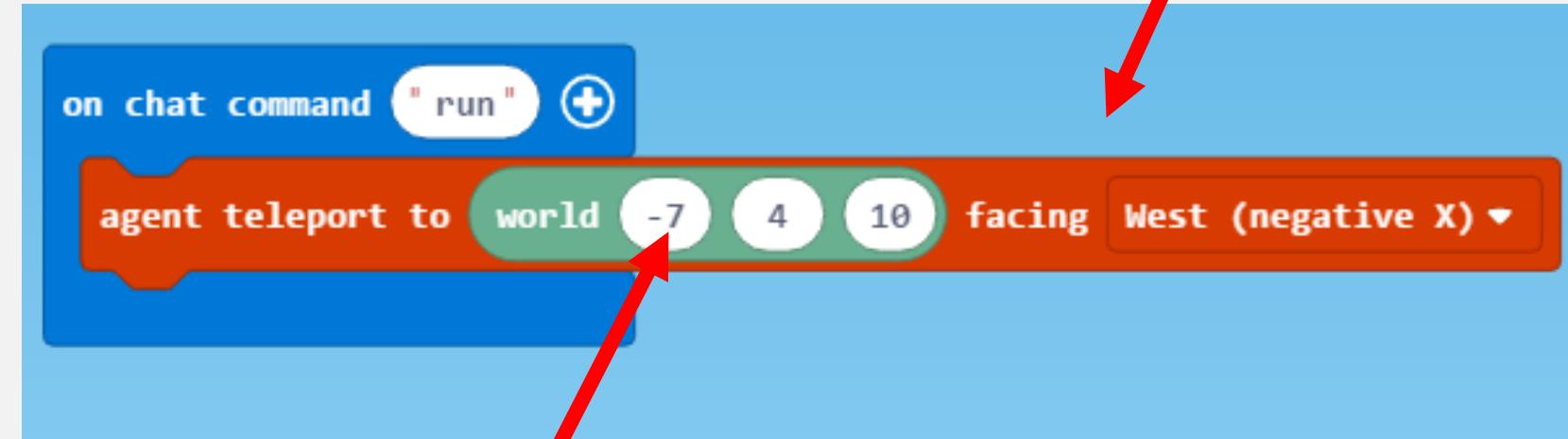
Repeat 5 times to build 5 blocks
In a line





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

Adam

Hi, Robotene
I am Adam.
Welcome to challenge Mission L1.1
Please use agent building to
- Build 5 blocks in same row
- Build 4 same row connected like a square wall

Mission 1.1



Build a square wall (5x5) on target place

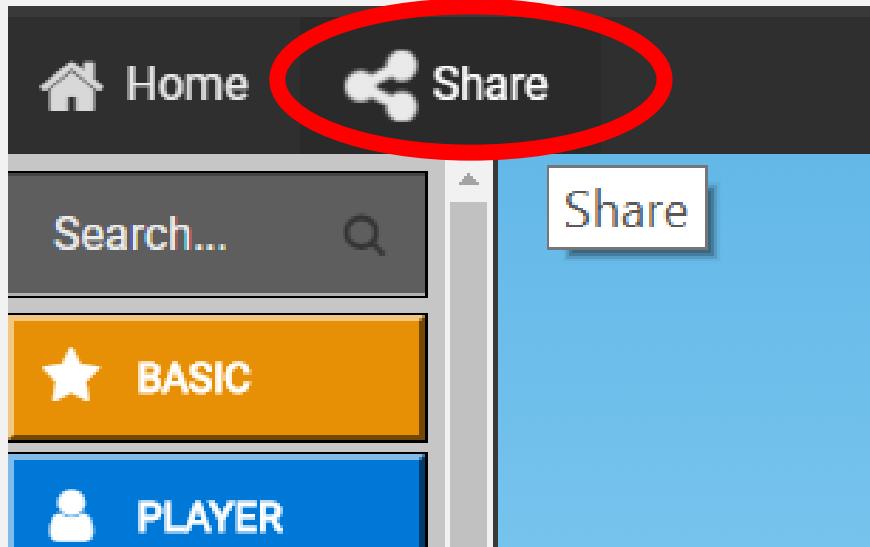
Mission 1.1



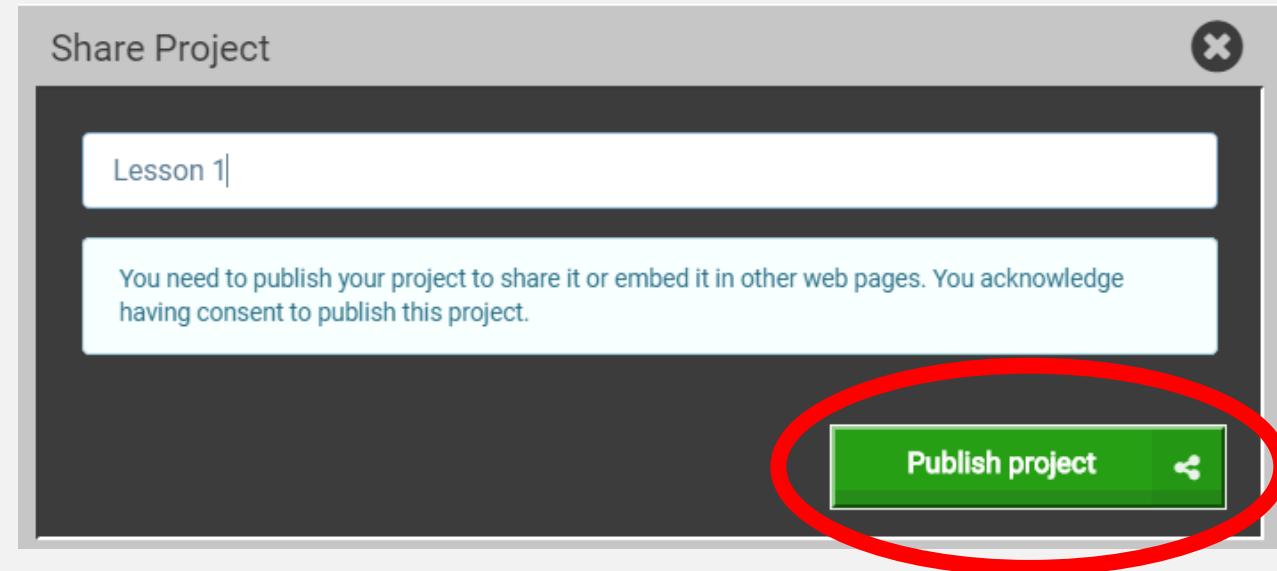
Simple task ~ Let's do it



Share your missions



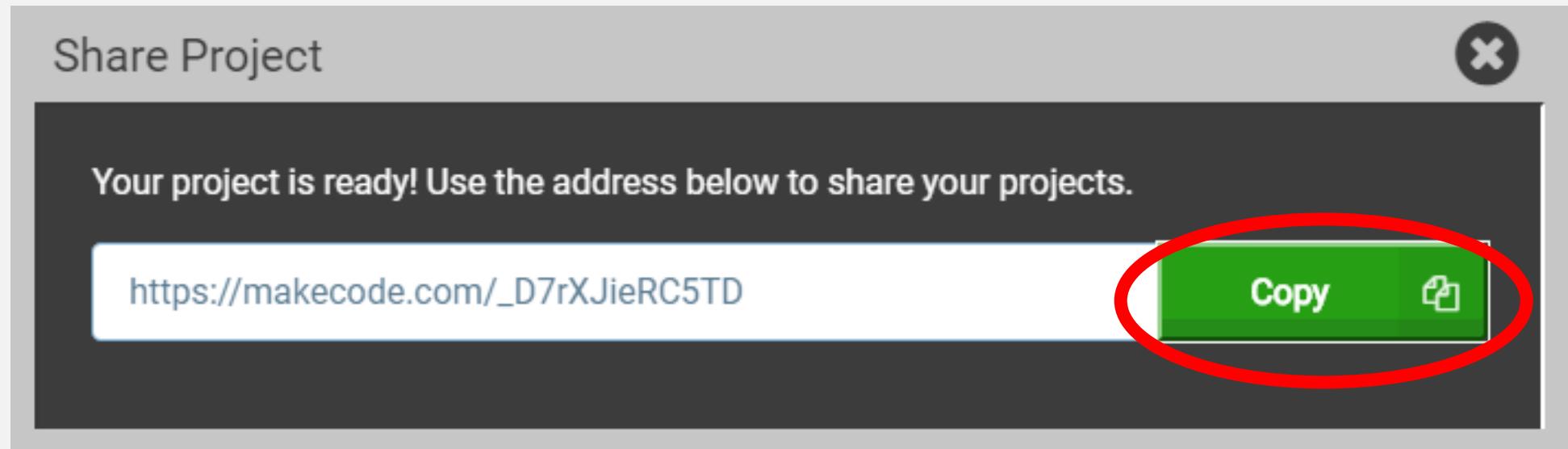
Click the share button



Click the Publish project



Share your missions



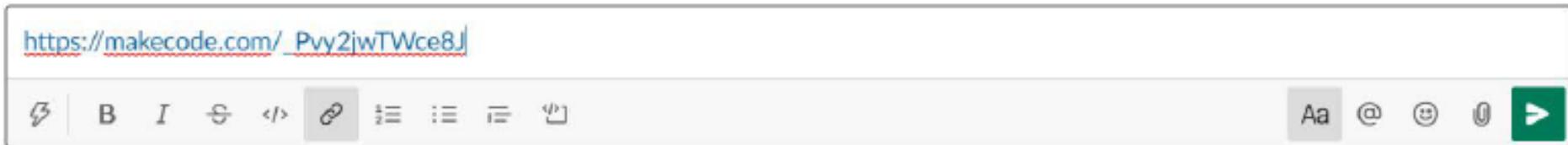
Click the Copy button



Share your missions

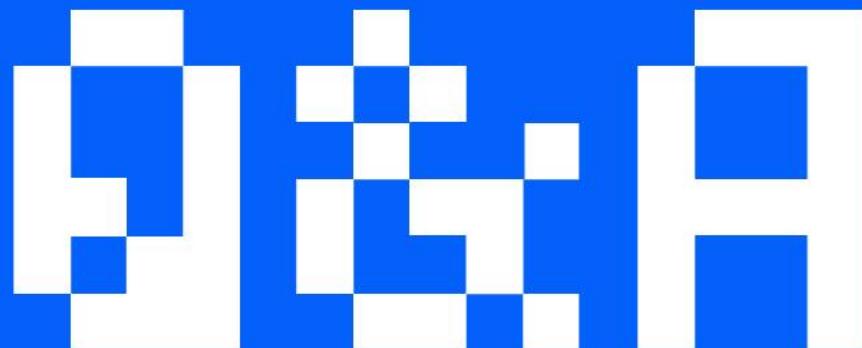
Teacher Yap 1:48 PM
https://makecode.com/_Pvy2jwTwce8J

Microsoft MakeCode
Lesson 1 Tutorial
Made with ❤️ in Microsoft MakeCode for Minecraft.



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

Mission Complete



Any Questions?

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



Thank you ;)