



# IOT Session 3: Creating our own macropad

🕒 Created	@December 4, 2022 10:05 AM
🕒 Last Edited Time	@December 4, 2022 3:31 PM
▼ Type	
▼ Status	
👤 Created By	
👤 Last Edited By	

## Mine Macro

Installation of Arduino IDE
Working with TinkerCAD
Inputs & Outputs
Demo of How Indie Board reacts on giving inputs and outputs.
Planning Components
Create a simulation
Real working

## Features:

- Copy and Paste

- Screenshot
- Navigation Between Tabs
- Zoom In and Zoom Out
- Search Bar

## Brainstorming Logic

- 2D Coordinate Geometry
- Multidimensional Arrays for mapping (For microcontroller understanding)

```
//This is how you will map keys.  
  
int keys[2][3] = {  
    {1, 2, 3},  
    {4, 5, 6}  
};
```

## TinkerCAD Simulation Software

<https://www.tinkercad.com/>

## Arduino IDE

<https://www.arduino.cc/en/software>



Created By [Aditya Chaudhary](#).

