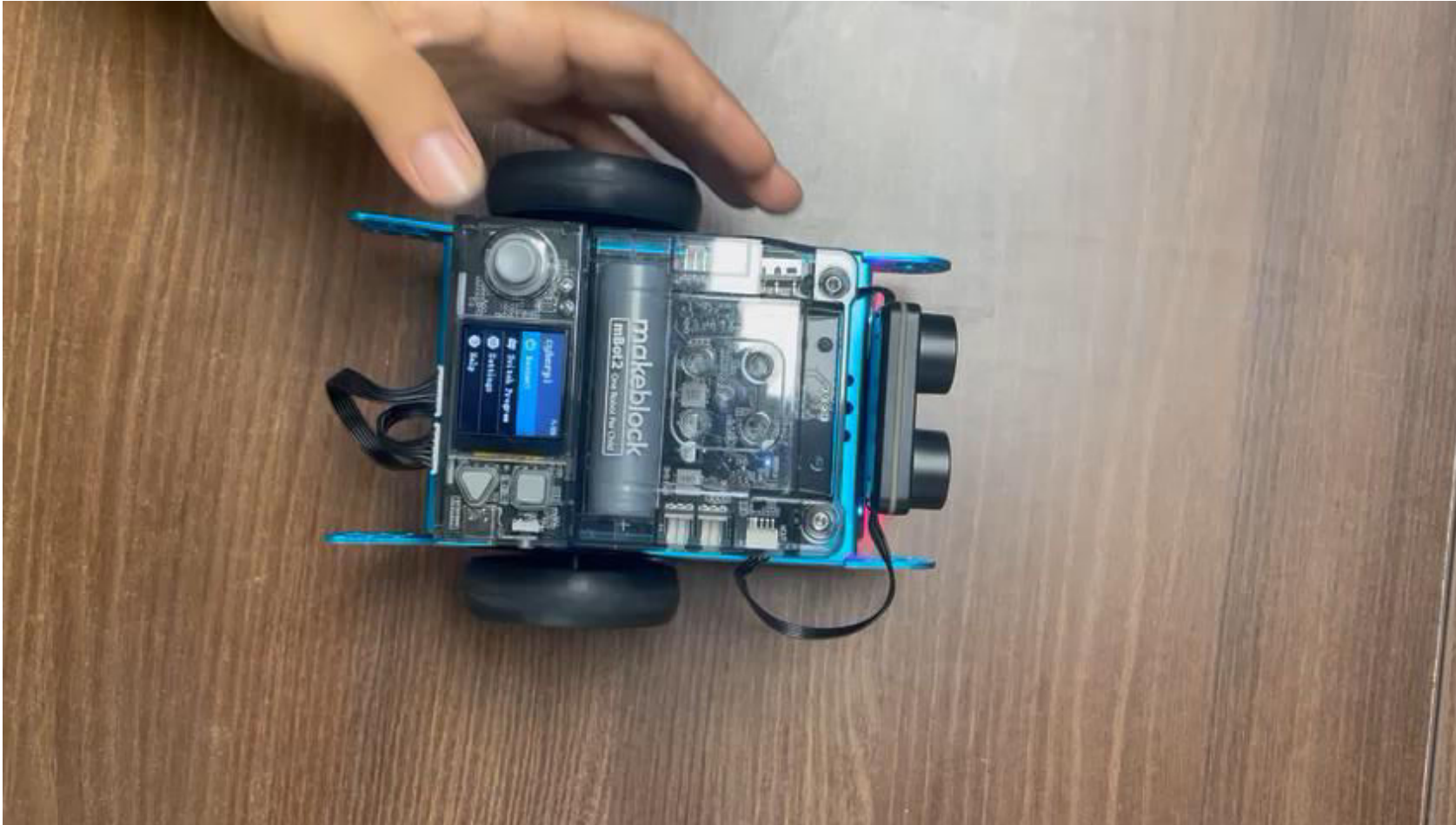


Project :Record and play

Let us watch this
video.....



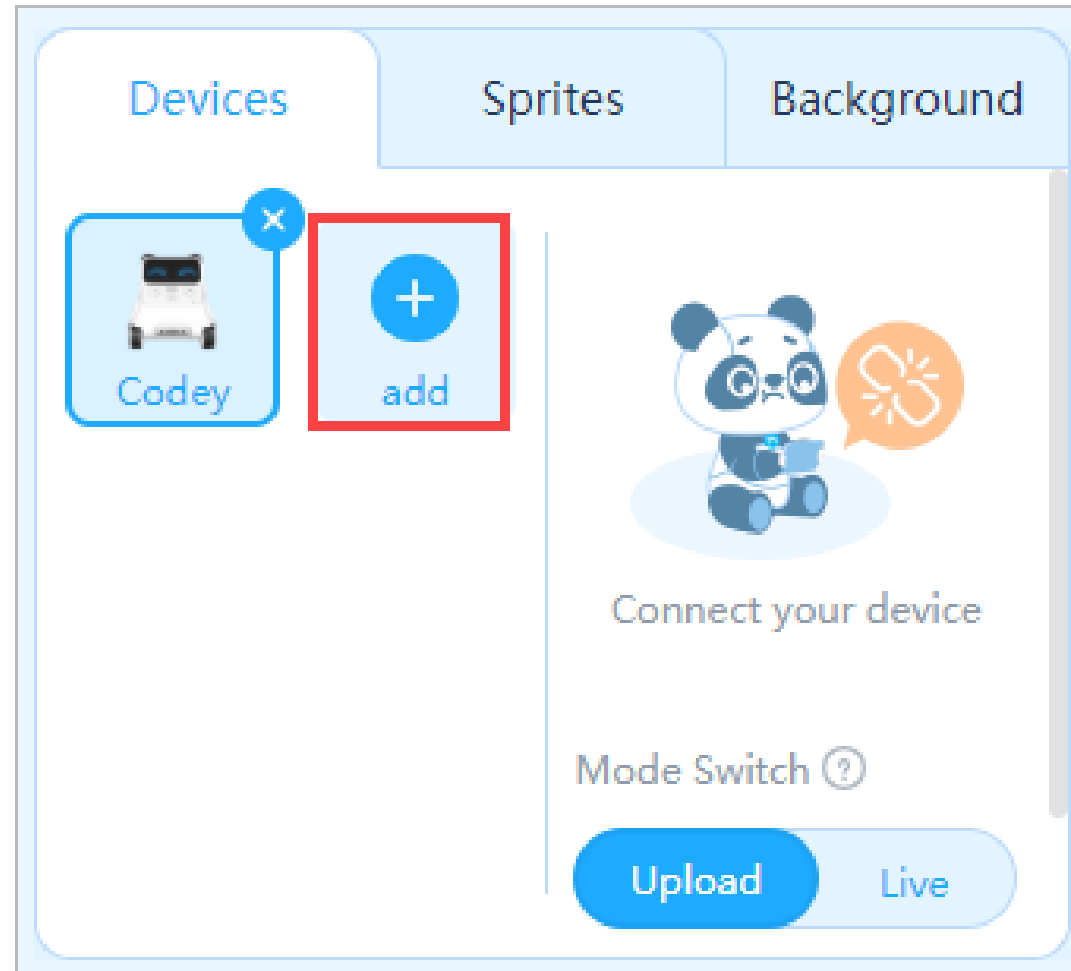
What did we see?

Observations:

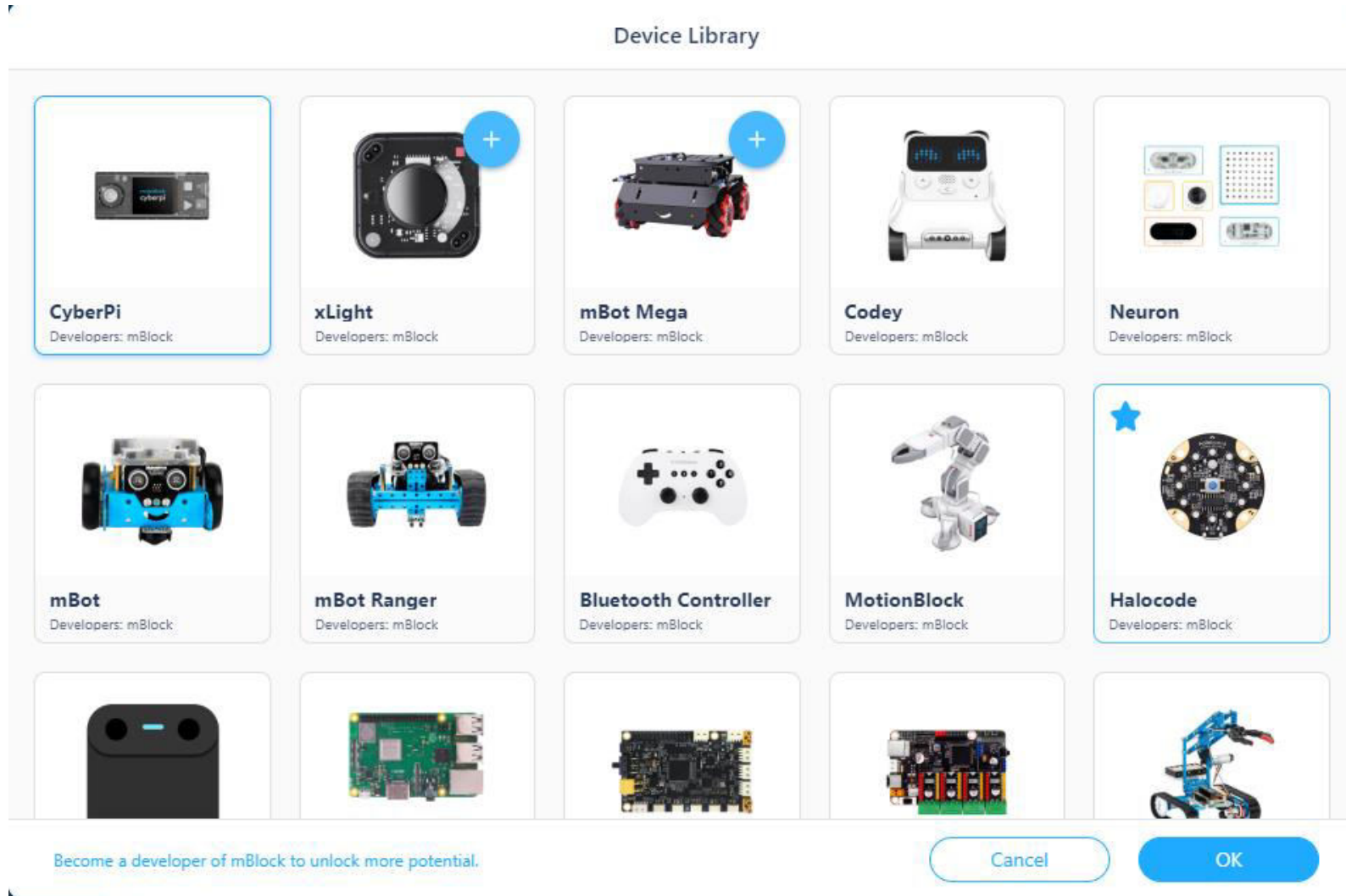
- When button 'A' is pressed, robot started recognising your voice until button 'B' is pressed.
- When joystick middle button is pressed, robot plays the recorded voice.

Steps to make a program

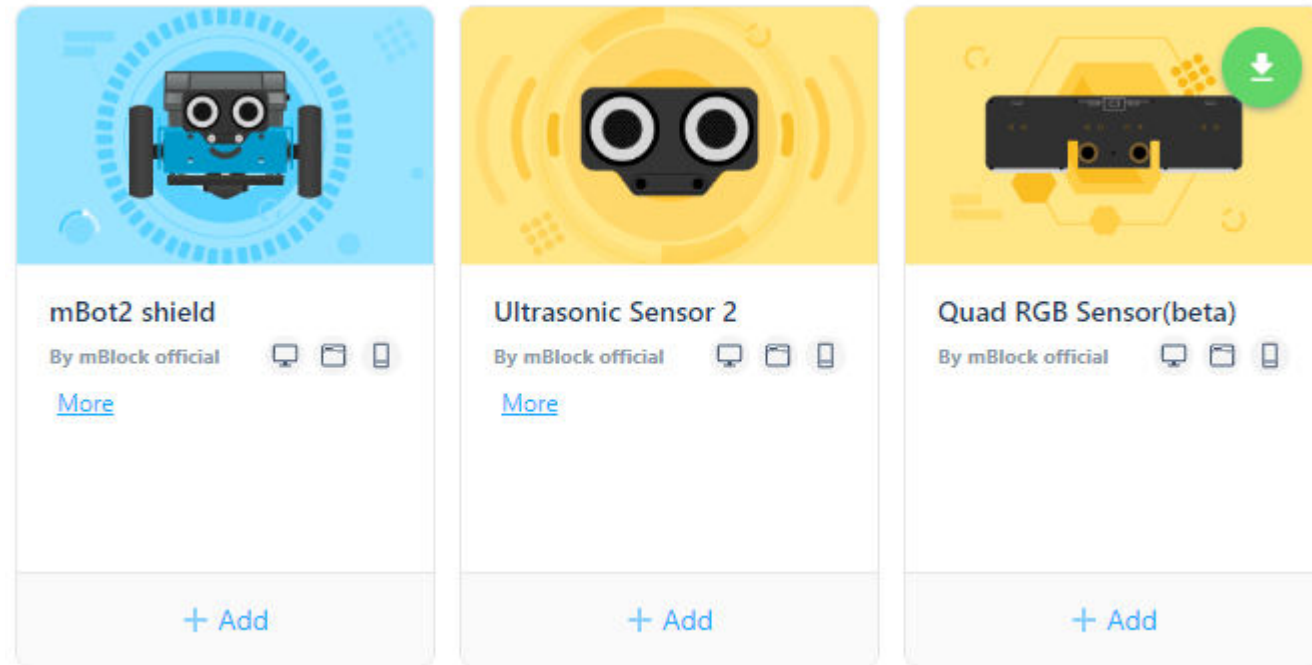
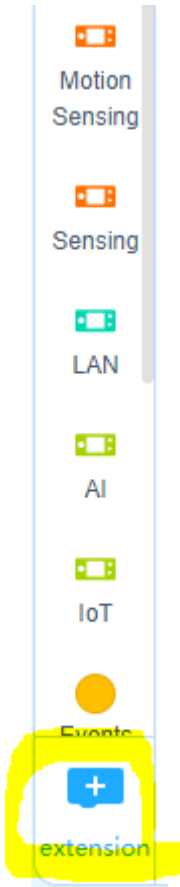
Step 1: Open mBlock Software. Go to Devices tab and click on the add button.



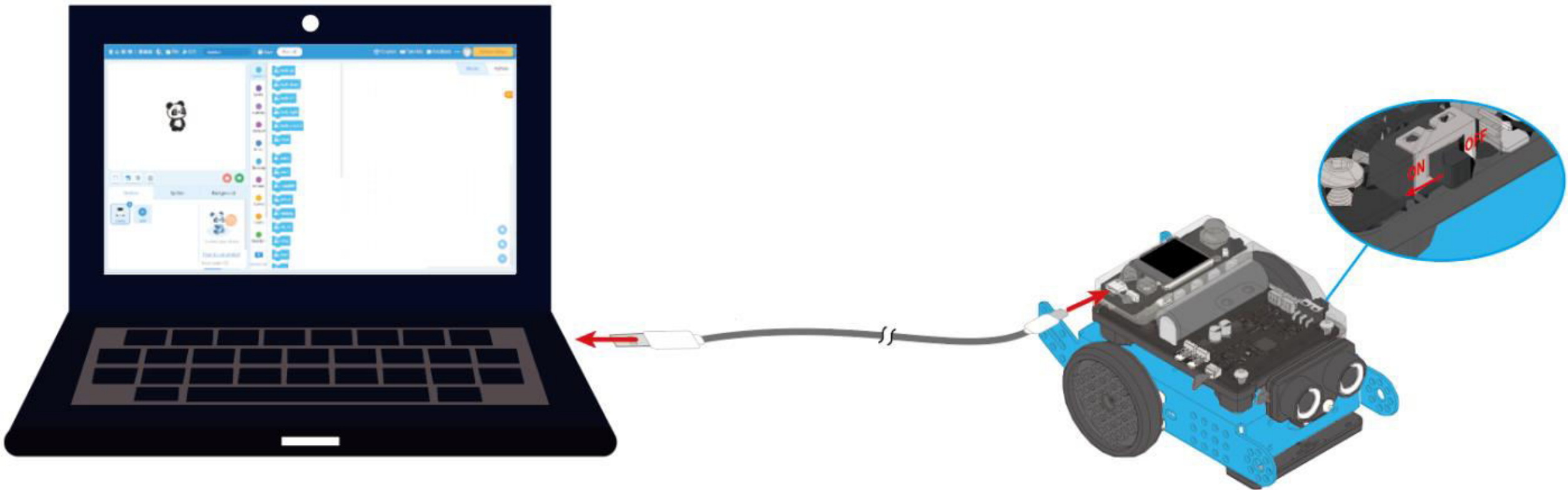
Step 2: Select CyberPi as a device to program it.



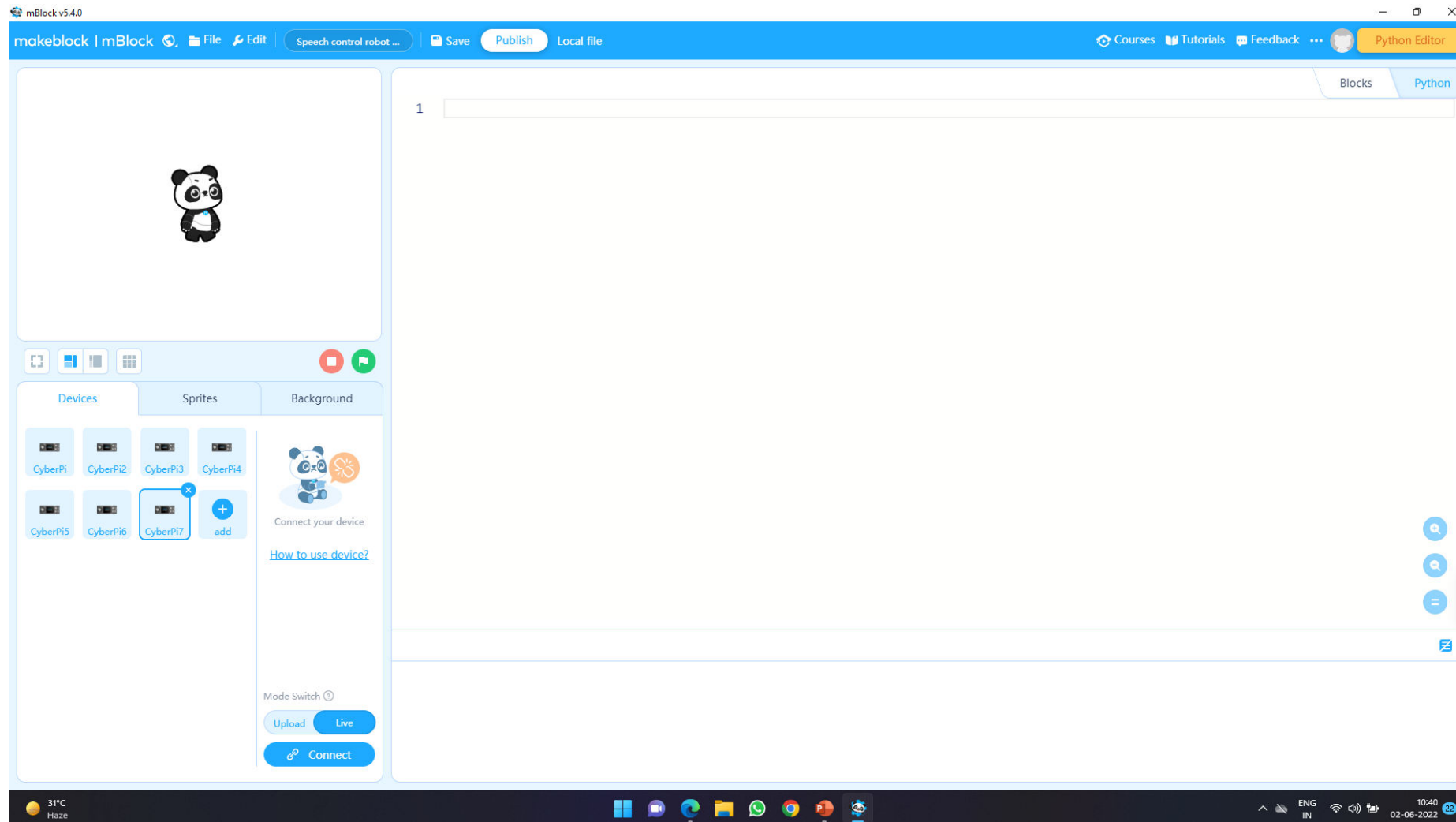
Step 3: Now, click on the extension and add following extensions one by one



Step 4: Connect mBot2 with PC using an uploading cable



Step 5: Switch to the python tab/screen to write the program.



Step6:let us write the python program for record and play

```
1  #Record and Play
2  import event, time, cyberpi
3
4  @event.start
5  def on_start():
6      cyberpi.console.clear()
7      cyberpi.console.print('Press A button to start recording')
8
9  @event.is_press('a')
10 def is_btn_press():
11     cyberpi.console.clear()
12     cyberpi.audio.record()
13     cyberpi.console.print('Press B button to stop recording')
14
15 @event.is_press('b')
16 def is_btn_press1():
17     cyberpi.console.clear()
18     cyberpi.audio.stop_record()
19     cyberpi.console.print('Press joystick button to play recording')
20
21
22 @event.is_press('middle')
23 def is_joy_press():
24     cyberpi.console.clear()
25     cyberpi.console.print('Playing your recording')
26     cyberpi.audio.play_record()
27     cyberpi.console.print('Press A button to start recording')
28
29
30
```

Thank you!