

80408黃亮允

我最常吃的食物
我最不常吃的食物



Untitled(1)



背景



Panda



mBot



● 顯示

● 聲光

● 運動

● 偵測

● 事件

● 控制

● 運算

● 變數

● 自定積木

定義 跳舞

前進，動力 50 %，持續 1 秒

後退，動力 50 %，持續 1 秒

重複 5 次

左轉，動力 50 %，持續 1 秒

右轉，動力 50 %，持續 1 秒



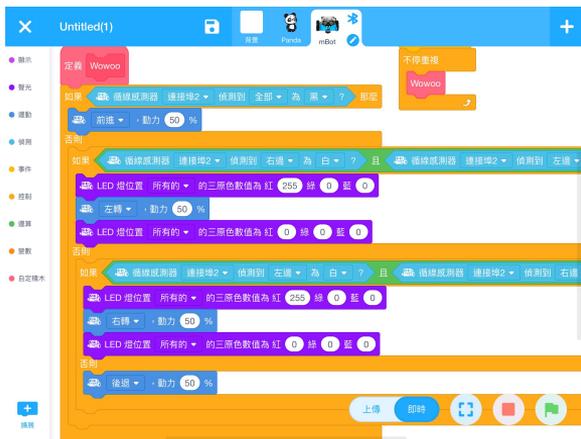
擴展

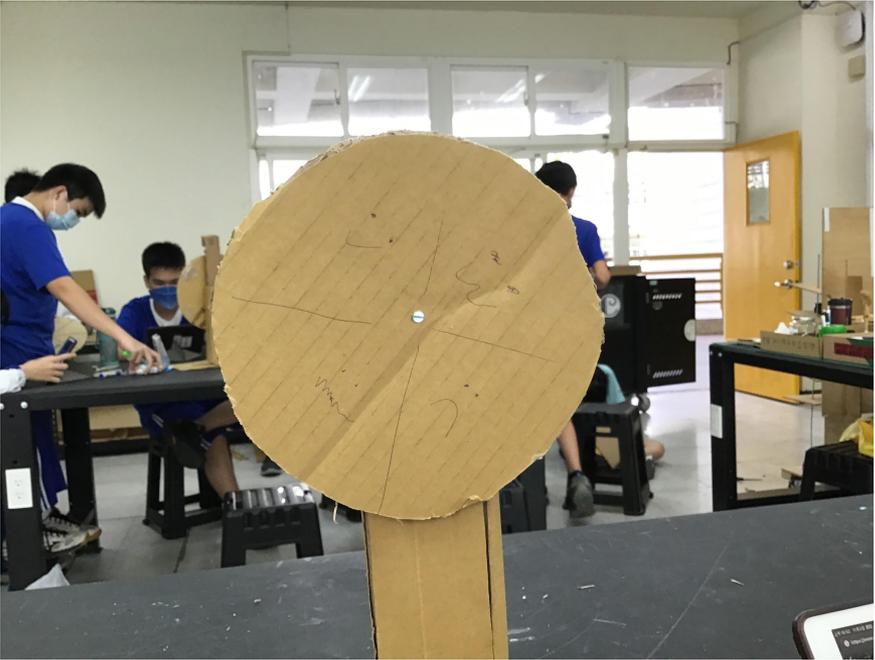
上傳

即時



循線轉彎亮LED





Untitled(1)

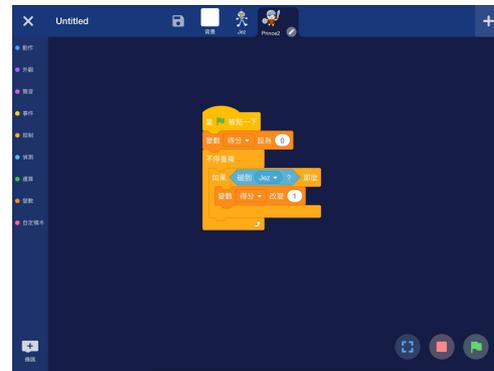
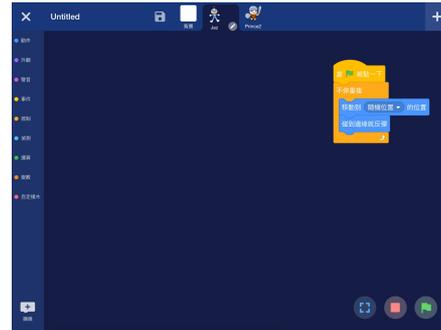
有攝 Icons mBot

- 顯示
- 聲光
- 運動
- 偵測
- 事件
- 控制
- 運算
- 變數
- 自定標本

擴展

The script is as follows:

- Define block name B
- Click flag to start event
- Repeat until light sensor (board) light intensity is greater than 200
 - Play sound C4 for 0.25 beats
 - Set all LED colors to red
 - Stop movement
- Play sound A for 0.25 beats
- Set all LED colors to blue
- Define block A
 - Move forward, power 50%, duration 1 second
 - Move backward, power 50%, duration 1 second
 - Repeat 3 times
 - Turn left, power 50%, duration 1 second
 - Turn right, power 50%, duration 1 second
- Upload and run



以驗收

The screenshot shows a programming interface with a blue header bar. The header contains a close button (X), the text "Untitled", a save icon, a background selection icon, a panda icon labeled "Panda", a robot icon labeled "mBot", and a plus sign (+). On the left side, there is a vertical menu with categories: 顯示 (Display), 燈光 (Light), 運動 (Motion), 偵測 (Sensing), 事件 (Events), 控制 (Control), 運算 (Operators), 變數 (Variables), and 自定積木 (Custom Blocks). The main workspace contains a script starting with a "當 被點一下" (When clicked) block, followed by a "不停重複" (Repeat) block. Inside the repeat block, there is an "如果" (If) block with the condition "超音波感測器 連接埠3 距離 (cm) 小於 10 那麼" (If ultrasonic sensor port 3 distance (cm) is less than 10, then). The "if" block has two branches: "那麼" (Then) containing "後退, 動力 50 %, 持續 0.5 秒" (Back, power 50%, duration 0.5s) and "右轉, 動力 50 %, 持續 0.4 秒" (Turn right, power 50%, duration 0.4s); "否則" (Else) containing "前進, 動力 50 %" (Forward, power 50%). At the bottom right, there are buttons for "上傳" (Upload), "即時" (Live), a refresh icon, a stop icon, and a flag icon. A "擴展" (Expand) button is also visible at the bottom left of the workspace.

