# 0

## 迷宮

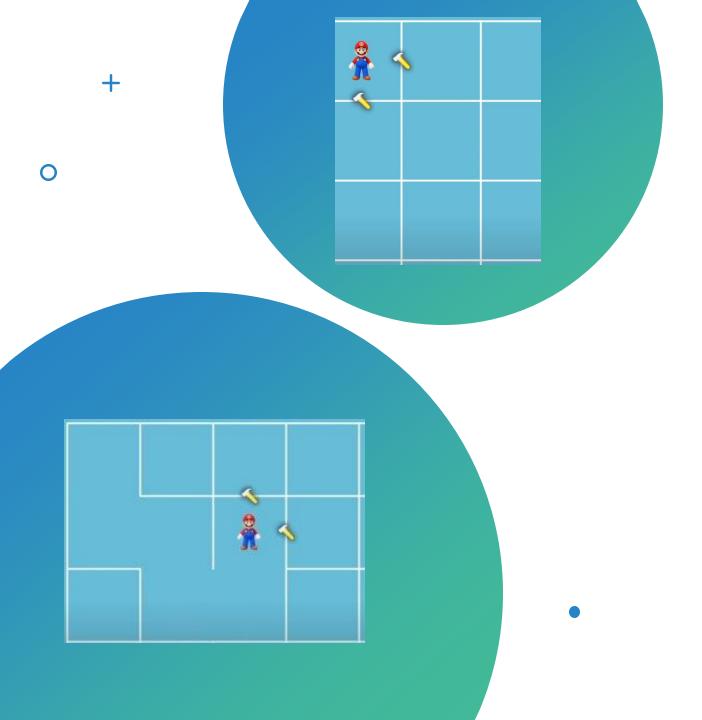
吳文杰





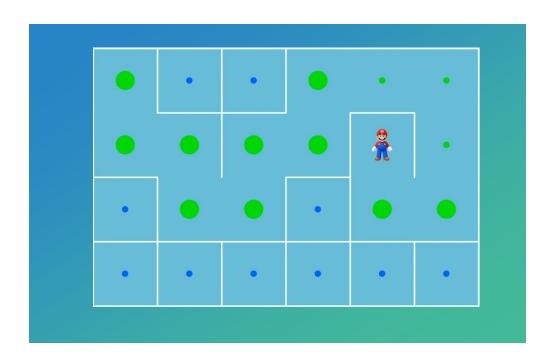


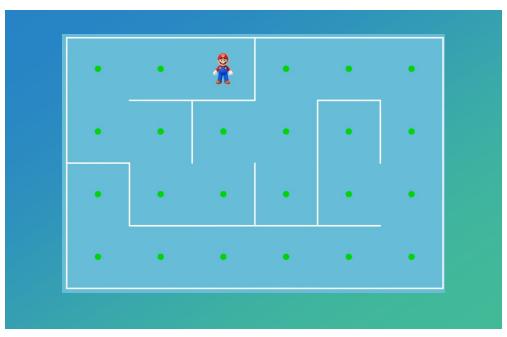




#### 生成迷宮

• 當隔壁的格子沒去過才能砸牆





- 無牆可砸時回到回到過去走過的點
- 每一個房間都要到達一次

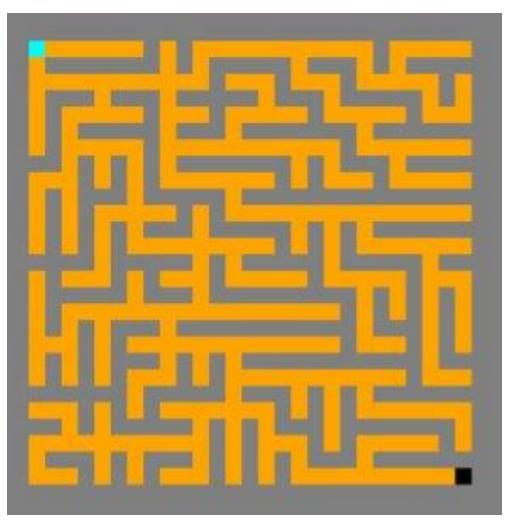
### 移動判斷

```
+
```

```
var yourhero = {
                body: { x: 2, y: 2 }
               }
}
```

- Canvas 的方向
- AddEventListener 監聽的事件

Array(31) ▶ 2: (31) [9, 9, 0, 0, 0, 0, 0, 0, 0, 9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 9, 0, 9, 0, 0, 0, 9, 9] ▶4: (31) [9, 9, 0, 9, 0, 9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 9, 0, 9, 0, 0, 0, 0, 0, 9, 0, 0, 0, 9, 0, 9, 9] ▶8: (31) [9, 9, 0, 9, 0, 9, 0, 9, 0, 0, 0, 0, 0, 0, 0, 9, 0, 0, 9, 0, 9, 0, 0, 9, 0, 0, 9, 0, 0, 9, 9] ▶9: (31) [9, 9, 9, 9, 0, 9, 9, 9, 9, 9, 9, 9, 0, 9, 0, 9, 9, 9, 0, 9, 0, 9, 0, 9, 9, 9, 9, 9, 9, 9] ▶10: (31) [9, 9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 9, 0, 9, 0, 9, 0, 9, 0, 0, 0, 0, 0, 9, 0, 9, 0, 9, 0, 9, 9] ▶11: (31) [9, 9, 9, 9, 0, 9, 0, 9, 0, 9, 0, 9, 9, 9, 9, 0, 9, 0, 9, 0, 9, 0, 9, 9, 9, 0, 9, 0, 9, 0, 9, 9] ▶ 12: (31) [9, 9, 0, 0, 0, 9, 0, 9, 0, 9, 0, 9, 0, 0, 0, 0, 0, 0, 0, 9, 0, 0, 0, 9, 0, 0, 0, 0, 0, 9, 9] ▶ 13: (31) [9, 9, 0, 9, 9, 9, 9, 9, 0, 9, 0, 9, 9, 9, 0, 9, 9, 9, 0, 9, 0, 9, 9, 9, 0, 9, 9, 9, 9, 9, 9, 9] ▶14: (31) [9, 9, 0, 9, 0, 9, 0, 0, 0, 0, 9, 0, 0, 0, 9, 0, 0, 0, 9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 9, 9] ▶15: (31) [9, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 9, 9, 9, 9] ▶16: (31) [9, 9, 0, 9, 0, 0, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 0, 0, 0, 0, 0, 0, 9, 9] ▶ 17: (31) [9, 9, 0, 9, 9, 9, 0, 9, 0, 9, 9, 9, 9, 9, 9, 9, 9, 0, 9, 0, 9, 0, 9, 0, 9, 9, 9, 9, 9, 9, 9] ▶ 18: (31) [9, 9, 0, 0, 0, 9, 0, 9, 0, 0, 0, 9, 0, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 0, 0, 9, 9] ▶ 19: (31) [9, 9, 0, 9, 0, 9, 9, 9, 9, 0, 9, 9, 9, 0, 9, 9, 9, 9, 9, 0, 9, 0, 9, 0, 9, 9, 9, 9, 9, 9, 9, 9, 9] ▶ 20: (31) [9, 9, 0, 9, 0, 0, 0, 9, 0, 0, 0, 9, 0, 0, 0, 0, 0, 9, 0, 9, 0, 9, 0, 0, 0, 0, 0, 0, 9, 0, 9] ▶ 21: (31) [9, 9, 0, 9, 9, 9, 0, 9, 9, 9, 0, 9, 0, 9, 9, 9, 0, 9, 9, 9, 9, 9, 9, 0, 9, 9, 9, 9, 9, 9, 0, 9, 9] ▶ 22: (31) [9, 9, 0, 0, 0, 9, 0, 0, 9, 0, 9, 0, 9, 0, 0, 9, 0, 0, 0, 0, 0, 9, 0, 0, 0, 9, 0, 0, 9, 9] ▶ 23: (31) [9, 9, 9, 9, 0, 9, 0, 9, 0, 9, 9, 9, 9, 0, 9, 0, 9, 0, 9, 9, 9, 0, ▶ 24: (31) [9, 9, 0, 0, 0, 9, 0, 9, 0, 0, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 9] ▶ 25: (31) [9, 9, 0, 9, 0, 9, 9, 9, 0, 9, 0, 9, 0, 9, 0, 9, 9, 9, 9, 9, 9, 9, 9, 9, 0, 9, 0, 9, 0, 9, 0, 9, 9] ▶ 26: (31) [9, 9, 0, 9, 0, 0, 0, 9, 0, 9, 0, 9, 0, 9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 9, 0, 9, 0, 9, 0, 9, 9] ▶ 28: (31) [9, 9, 0, 9, 0, 0, 0, 9, 0, 9, 0, 9, 0, 9, 0, 9, 0, 0, 0, 0, 0, 0, 9, 0, 9, 0, 0, 0, 9, 2, 9, 9] 





#### 自動走迷宮

- 依序判斷右左下上是否有路可以走
- 當無路可走時退後





。謝的各位的聆聽