

# CONGRATIS



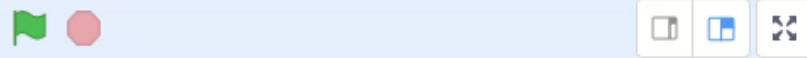
#ครอบครัวสาธิต  
สวนสุนันทา



Scratch Desktop



Code Costumes Sounds



- Motion
- Looks
- Sound
- Events
- Control
- Sensing
- Operators
- Variables
- My Blocks

**Motion**

- move 10 steps
- turn 15 degrees
- turn 15 degrees
- go to random position
- go to x: 0 y: 0
- glide 1 secs to random position
- glide 1 secs to x: 0 y: 0
- point in direction 90
- point towards mouse-pointer
- change x by 10
- set x to 0



Sprite Sprite1 x: 0 y: 0

Show   Size 100 Direction 90

Stage

Backdrops 1

Sprite 1





Scratch Desktop



ScrATCH

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Code Costumes Sounds

Motion

- Motion
  - move 10 steps
- Looks
  - turn 15 degrees
  - turn 15 degrees
- Sound
- Events
- Control
  - go to random position
- Sensing
  - go to x: 144 y: 7
  - glide 1 secs to random position
  - glide 1 secs to x: 144 y: 7
- Operators
- Variables
- My Blocks

```
when clicked clicked
repeat 10
  change color effect by 25
  go to random position
  wait 0.1 seconds
  go to x: 144 y: 7
```



Sprite: Glow-E x: 144 y: 7

Show: [on] [off] Size: 100 Direction: 90

Story-L Glow-O Block-V Glow-E

Stage

Backdrops: 2



Code Backdrops Sounds

Looks

- switch backdrop to backdrop1
- switch backdrop to backdrop1 and wait
- next backdrop
- change color effect by 25
- set color effect to 0
- clear graphic effects
- backdrop number

Sound

- play sound pop until done
- start sound pop
- stop all sounds
- change pitch effect by 10
- set pitch effect to 100
- clear sound effects
- change volume by -10
- set volume to 100 %
- volume

Events

```

when green flag clicked
repeat 50
  wait 0.25 seconds
  change color effect by 25

```

1.เพิ่มฉาก

2.เขียน code สลับสี ทำซ้ำ 50 รอบ ทุกๆ 0.25 วินาที

Stage

Sprite Name x y

Show Size Direction

Backdrops 2

- Glow-L
- Glow-O
- Glow-V
- Glow-E
- Cake
- Monet



```
when green flag clicked
repeat (50)
  change color effect by (25)
  go to random position
  wait (0.1) seconds
  go to x: (-124) y: (-10)
```

3.คลิก choose a sprite

เลือก L

4.code สลับสี ทำซ้ำ 50 รอบ

(ถ้าเลือกที่สลับอยู่แล้วสามารถ

ใช้ next costumes)

และวิ่งแบบสุ่มทุกๆ 0.1วินาที

กลับมาตำแหน่งเดิม



```
when clicked
wait 0.5 seconds
switch costume to cake-a
change size by 20
wait 0.5 seconds
change size by -20
play sound Birthday until done
```



5. choose a sprite **L** ลากcode มาใส่ **O,V,E**


6. choose a sprite **cake**

ทุกๆ 0.5 วินาที เปลี่ยนขนาด มีเสียงเพลงดัง



## 7.เพิ่มตัวละคร รอ 1 วินาที พูดตามที่เราต้องการ

```
when clicked
  forever
    wait 1 seconds
    say Happy Birthday for 2 seconds
```



Sprite: Monet x: -179 y: -124

Show:   Size: 60 Direction: 90

Backdrops: 2

- Story-L
- Story-O
- Story-V
- Story-E
- Cake

Monet