

# **Unit 2**

## **Session 3**

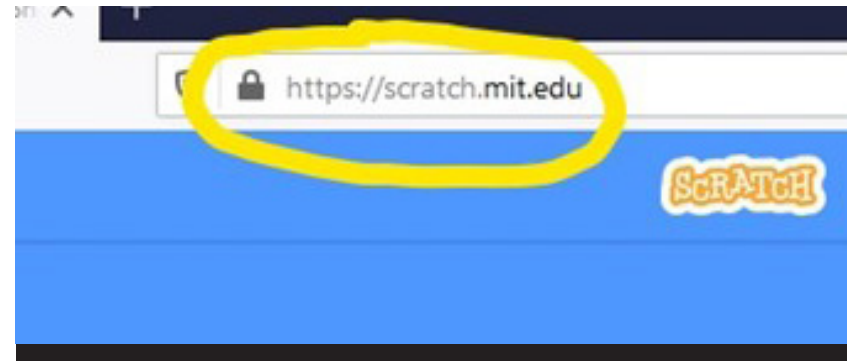
# **Orange Square Purple Circle Handout**

# Orange Square Purple Circle



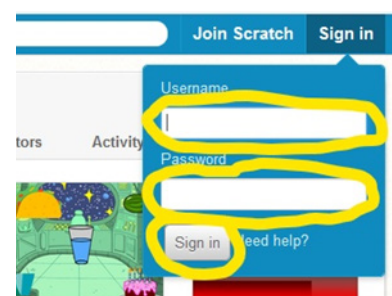
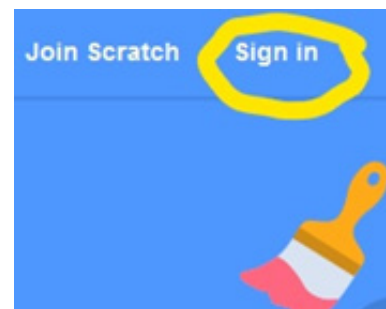
1

Go to the Scratch at  
<https://scratch.mit.edu/>



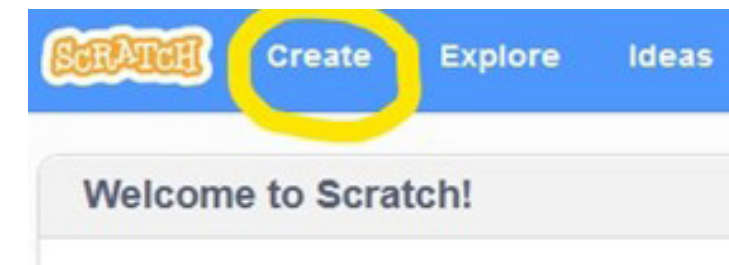
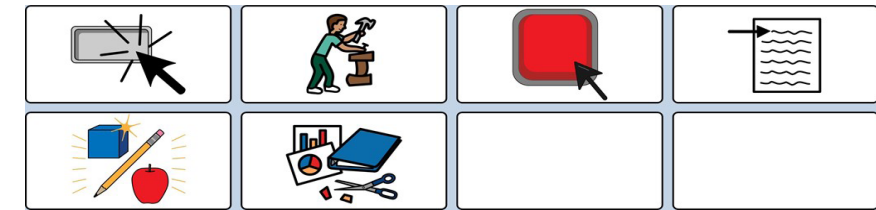
2

Sign into your account.



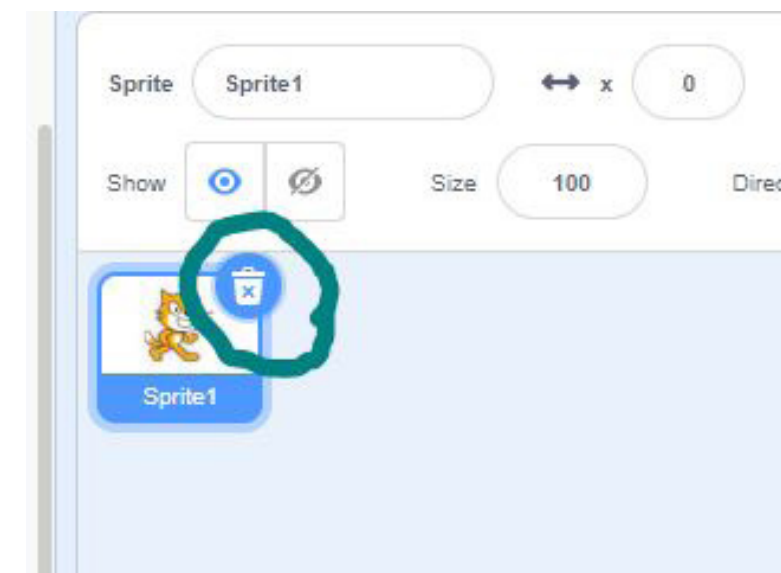
3

Click "create" button to start new project.



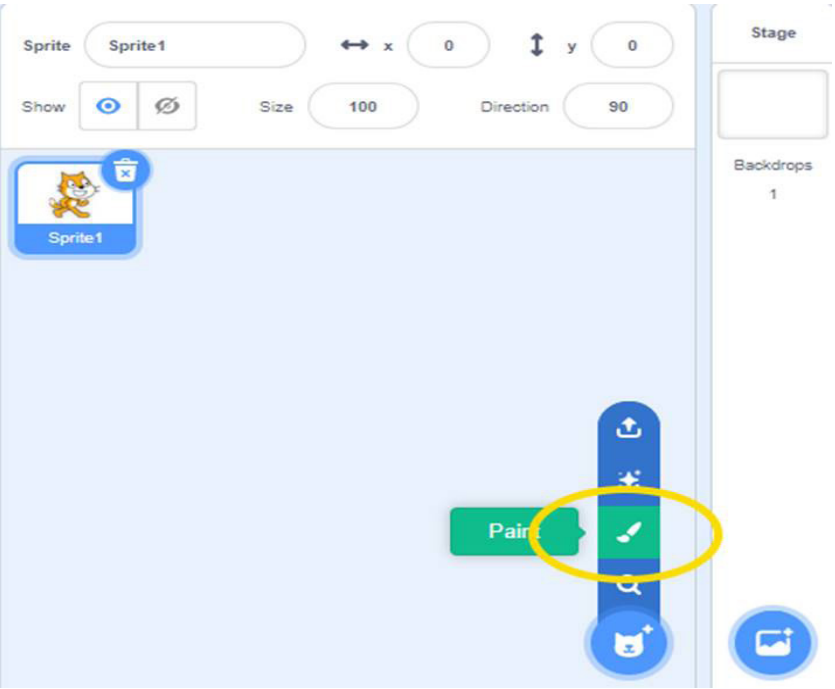
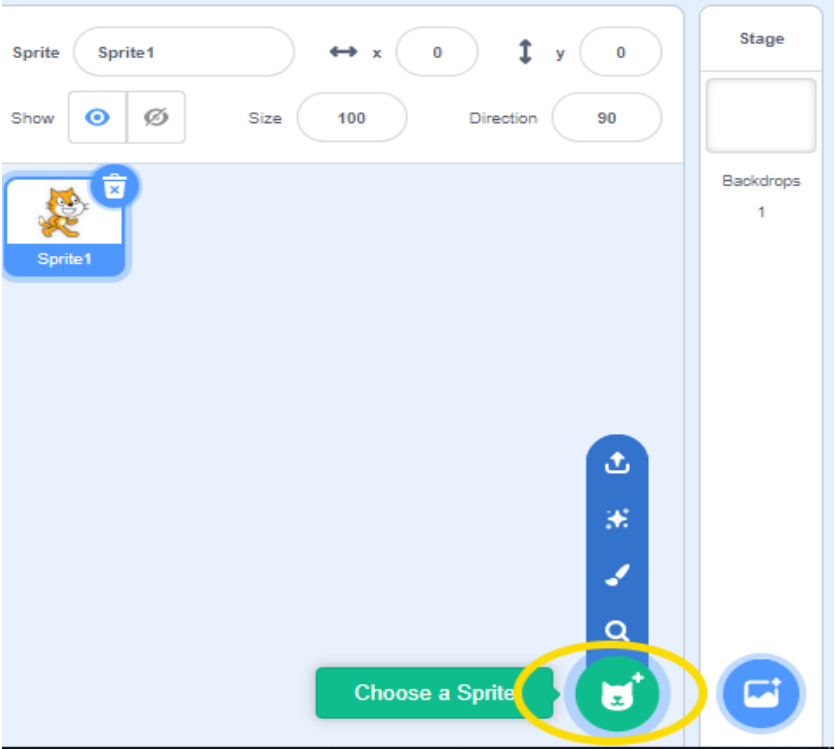
4

Tap on "trash" icon on the top left corner of the "Cat" sprite/character to delete this sprite.



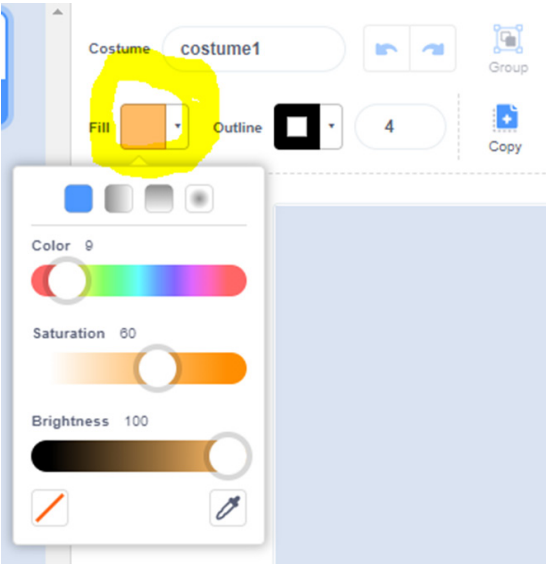
5

Move your mouse over the “Choose A Sprite” button on the bottom right corner of the Sprite window, and move your mouse up to tap on the “Paint” button to draw a new sprite.



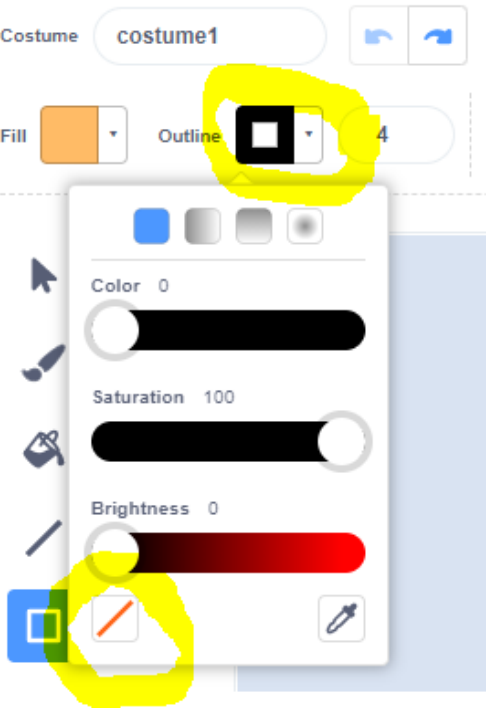
6

Change the “Fill” color to orange.



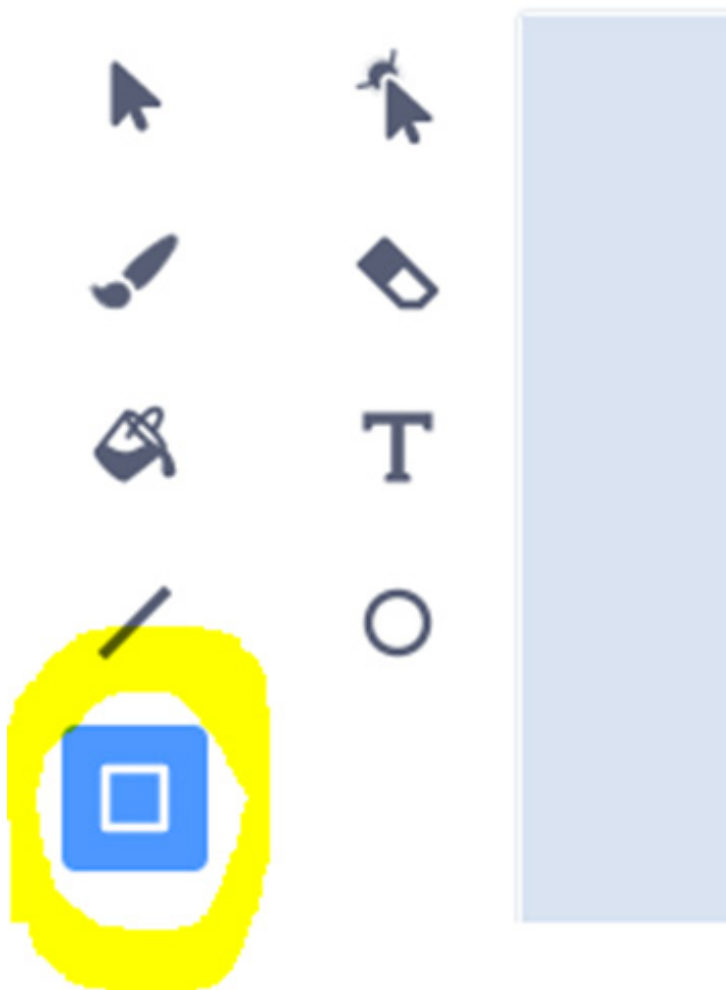
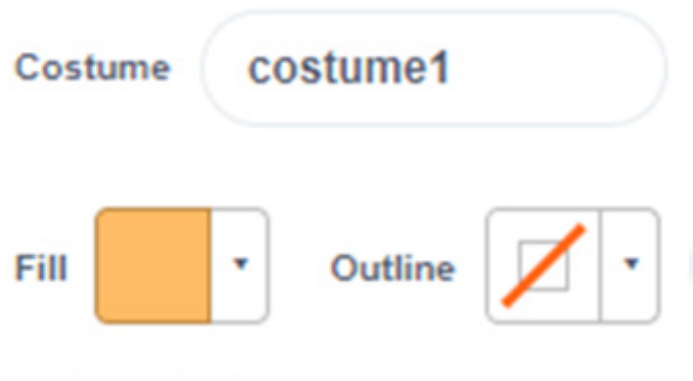
7

Tap on the “Outline” menu to set the outline color to “None”, which is on the bottom left corner of the “Outline” menu.



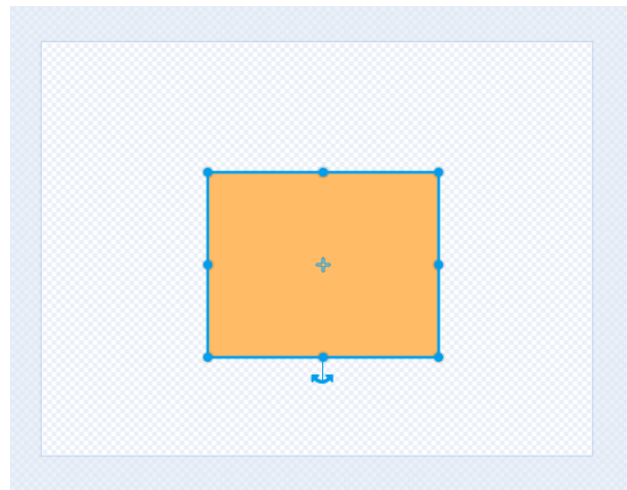
8

Tap on the "Rectangle" icon to draw a square.



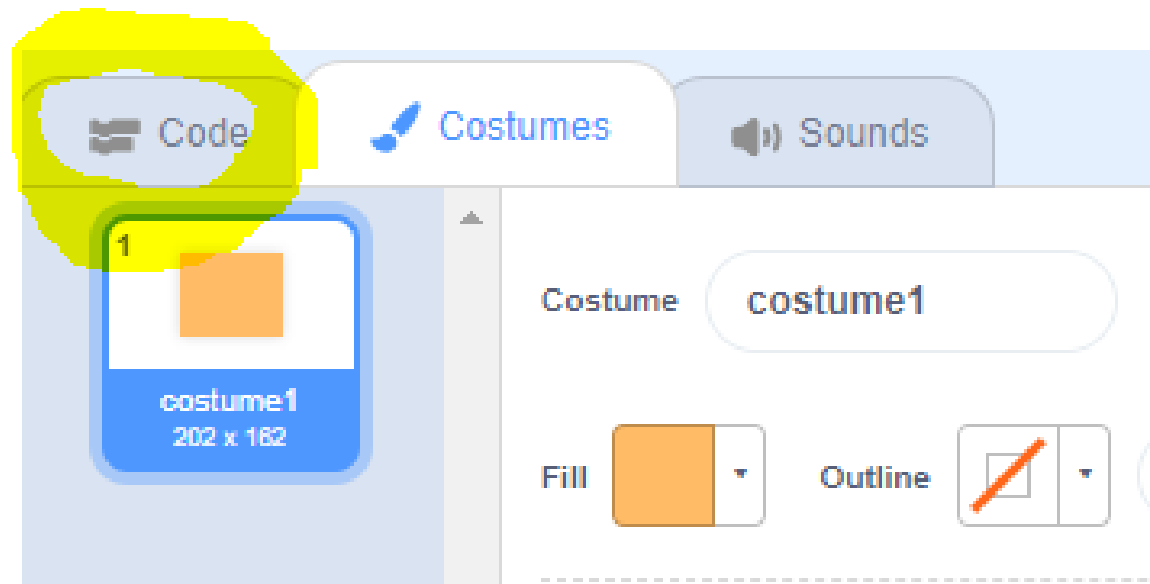
9

Tap on the "Outline" menu to set the outline color to "None", which is on the bottom left corner of the "Outline" menu.



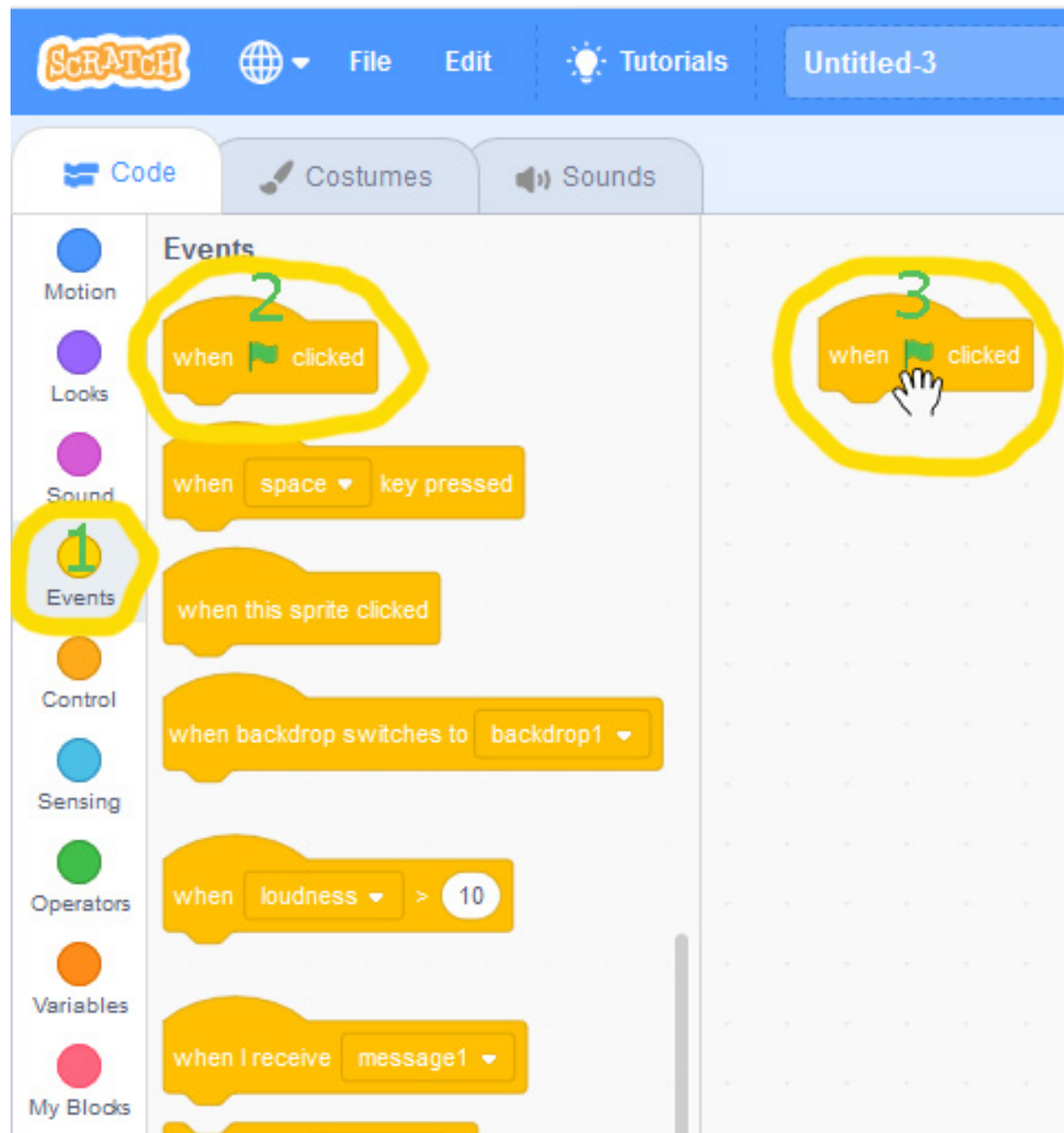
10

Tap on the "Code" tab on the top left corner to go back to the code window with Scratch blocks.



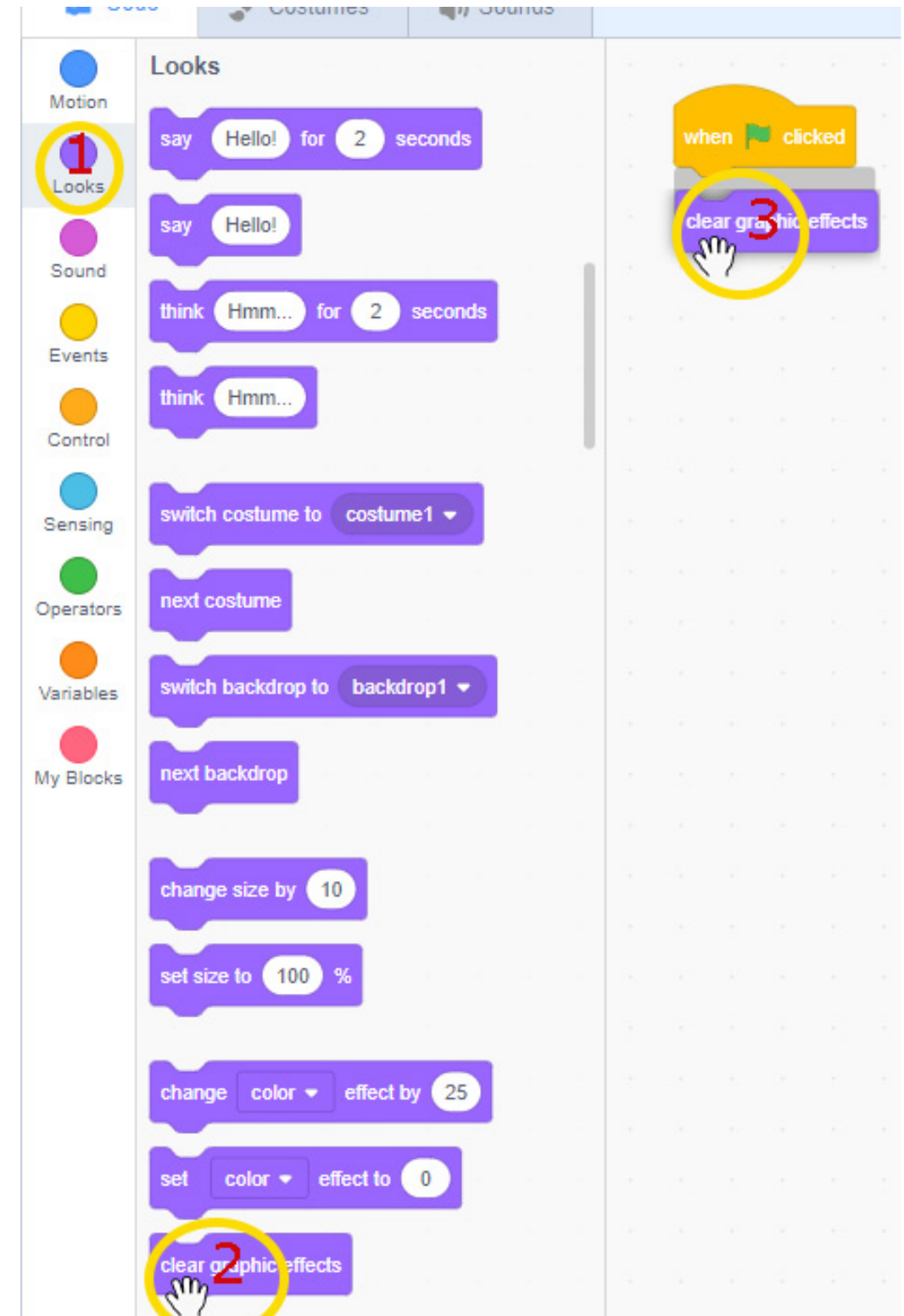
11

Tap on "Events" Scratch Block category on the left, grab and drag the "When Clicked" Scratch Block over the Sprite area on the right side and let go to leave it there.



12

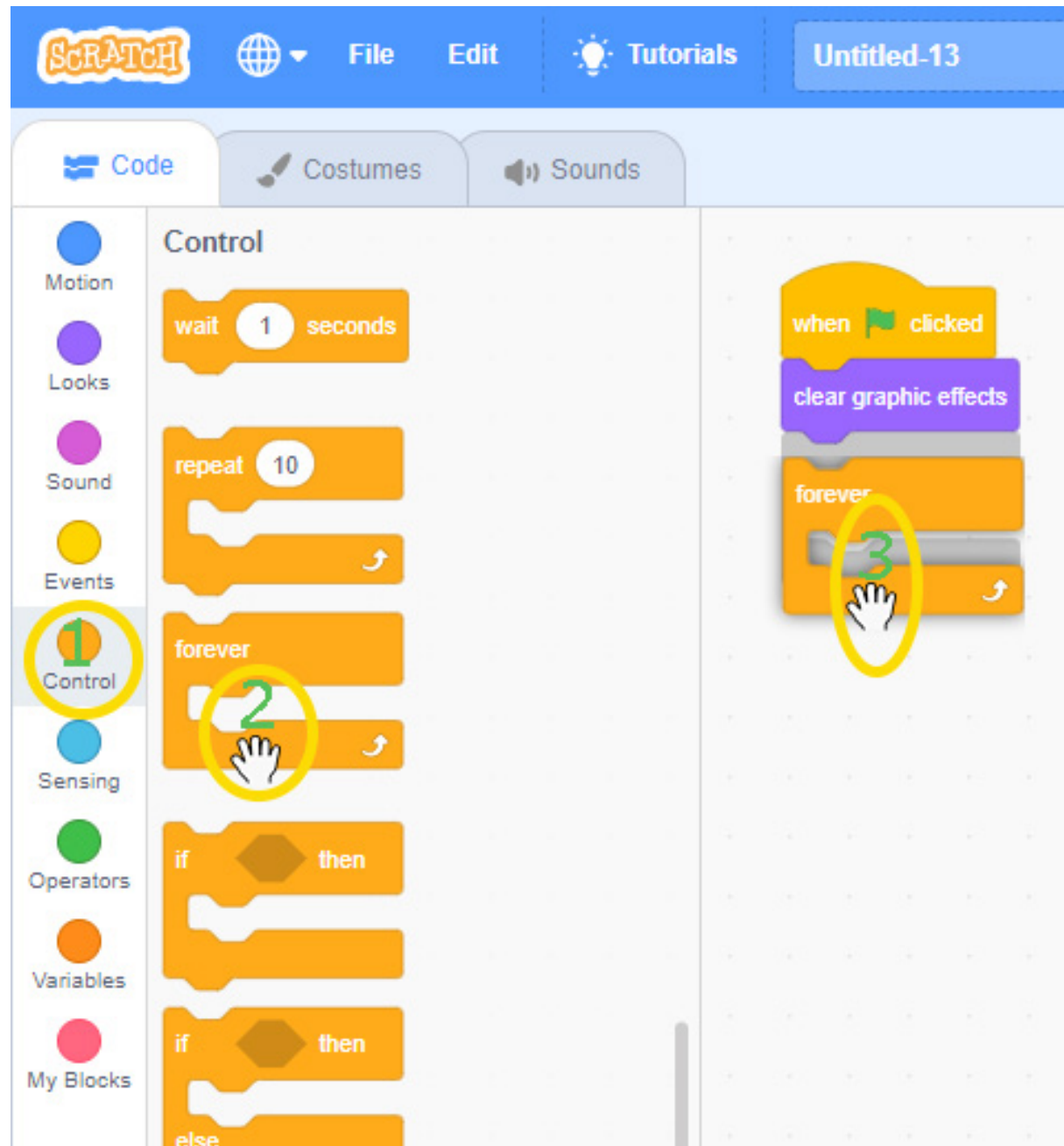
Tap on "Looks" Scratch Block category on the left, grab and drag the "Clear graphics effects" Scratch Block over the Sprite area on the right side and let go.





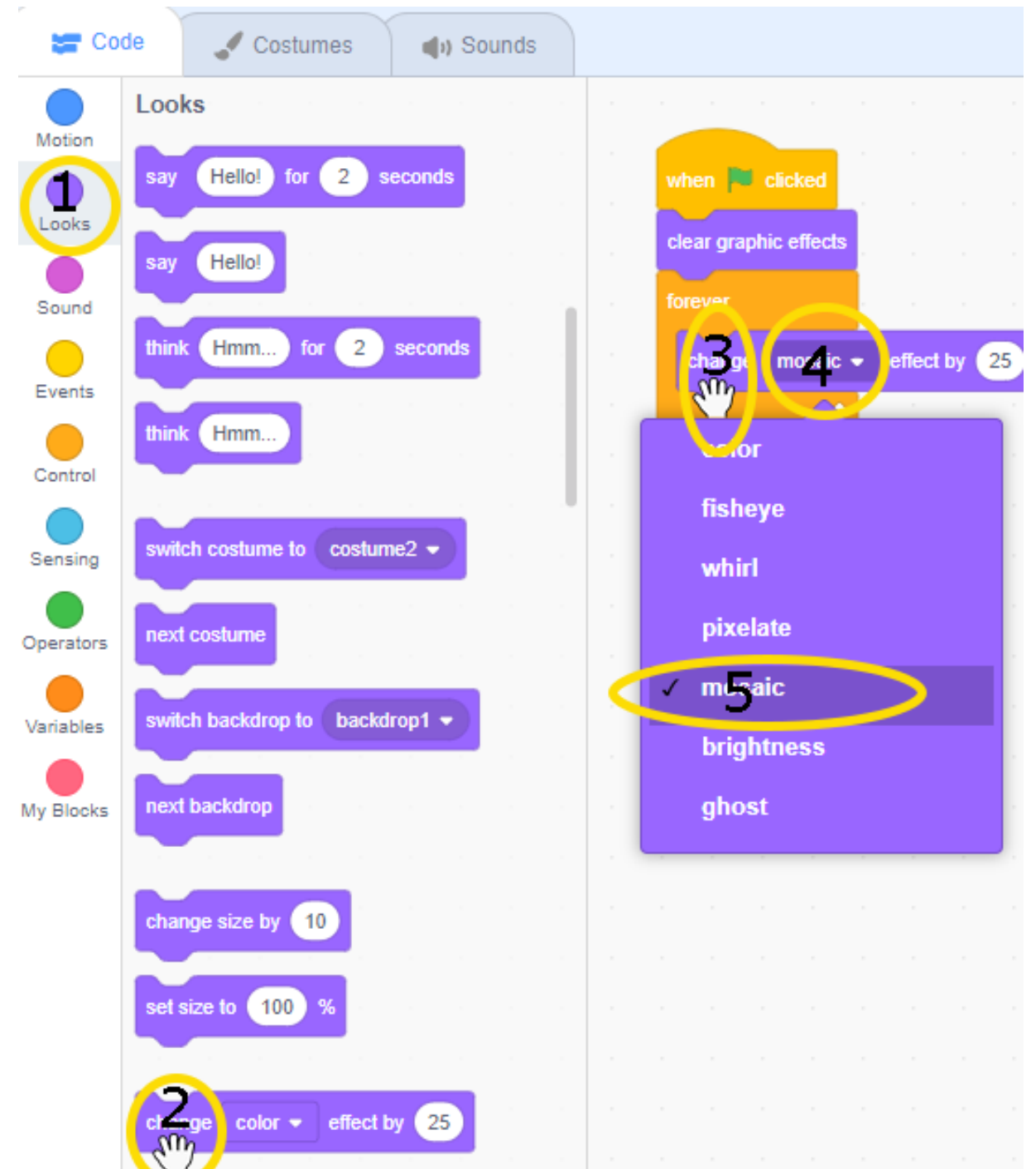
13

Tap on "Control" Scratch Block category on the left, grab the "forever" Scratch Block and drag it to just below the "When Taped" Scratch Block, and let go when you see the dark shadow around it indicating a snapping effect



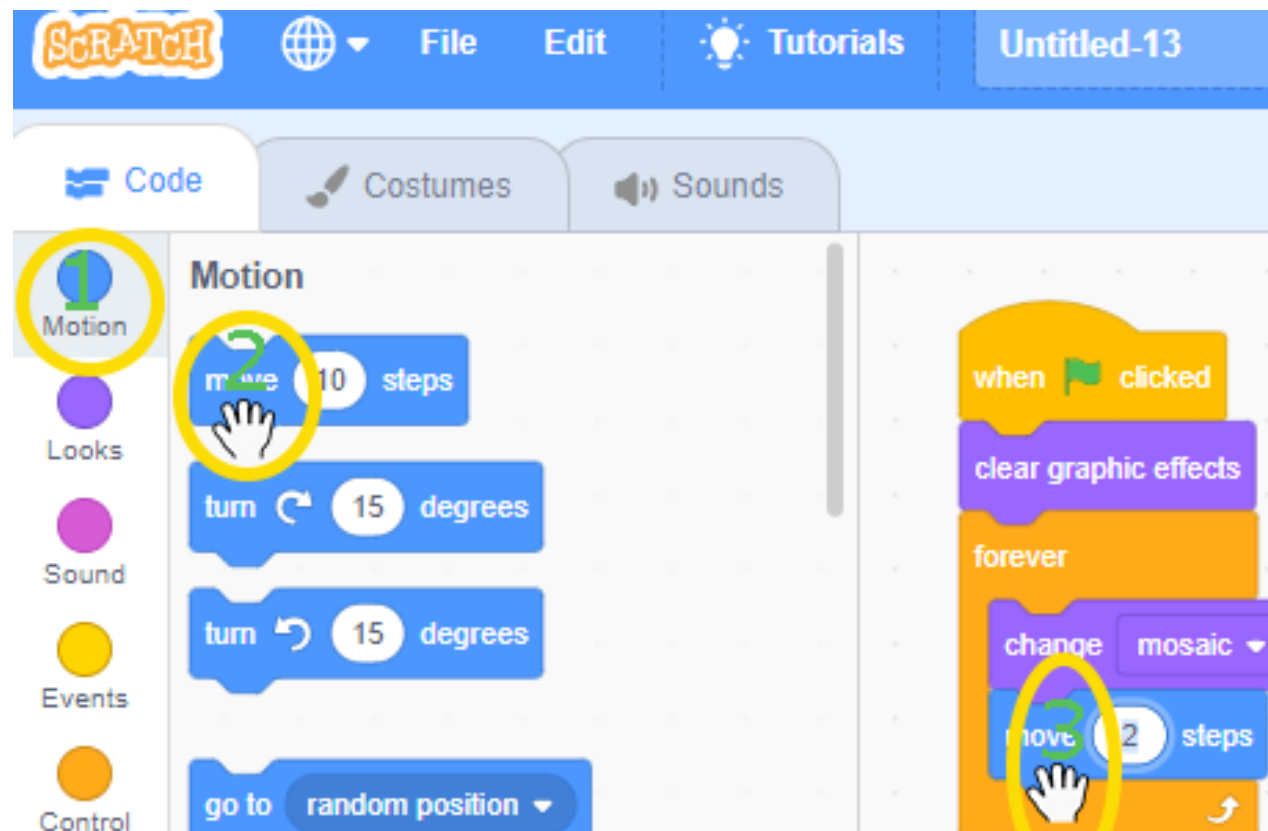
14

Tap on "Looks" Scratch Block category on the left, grab the "Change color effect by 25" Scratch Block and drag it to just inside the "Forever" Scratch Block, and leave it there. Tap on the "color" keyword to expand the drop-down menu, and choose "mosaic" from the menu options presented.



15

Tap on "Motion" Scratch Block category on the left, grab the "Move 10 steps" Scratch Block and drag it to just below the "Change mosaic by 25" Scratch Block, and tap on the number "10" and change it to "2".



16

Grab the "if on edge, bounce" Scratch Block and drag it to just below the "move 2 steps" Scratch Block, and let go.

