

Unit 3

Session 2

Conversations

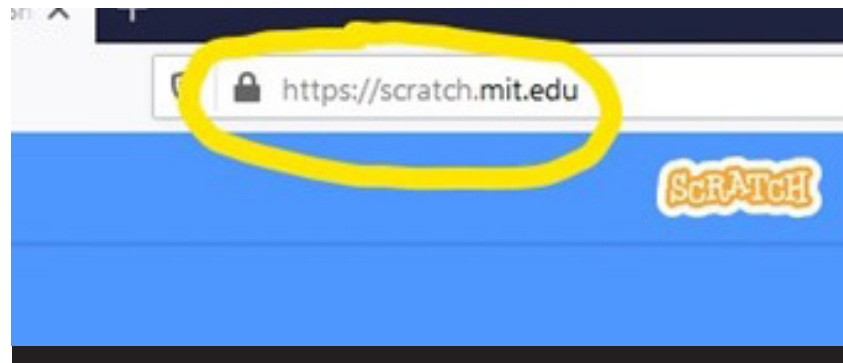
Handout

Conversations



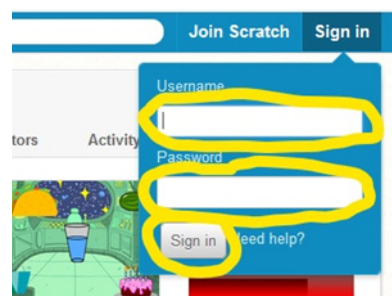
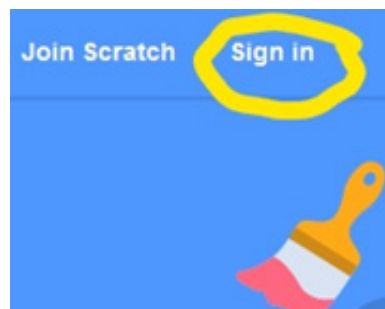
1

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



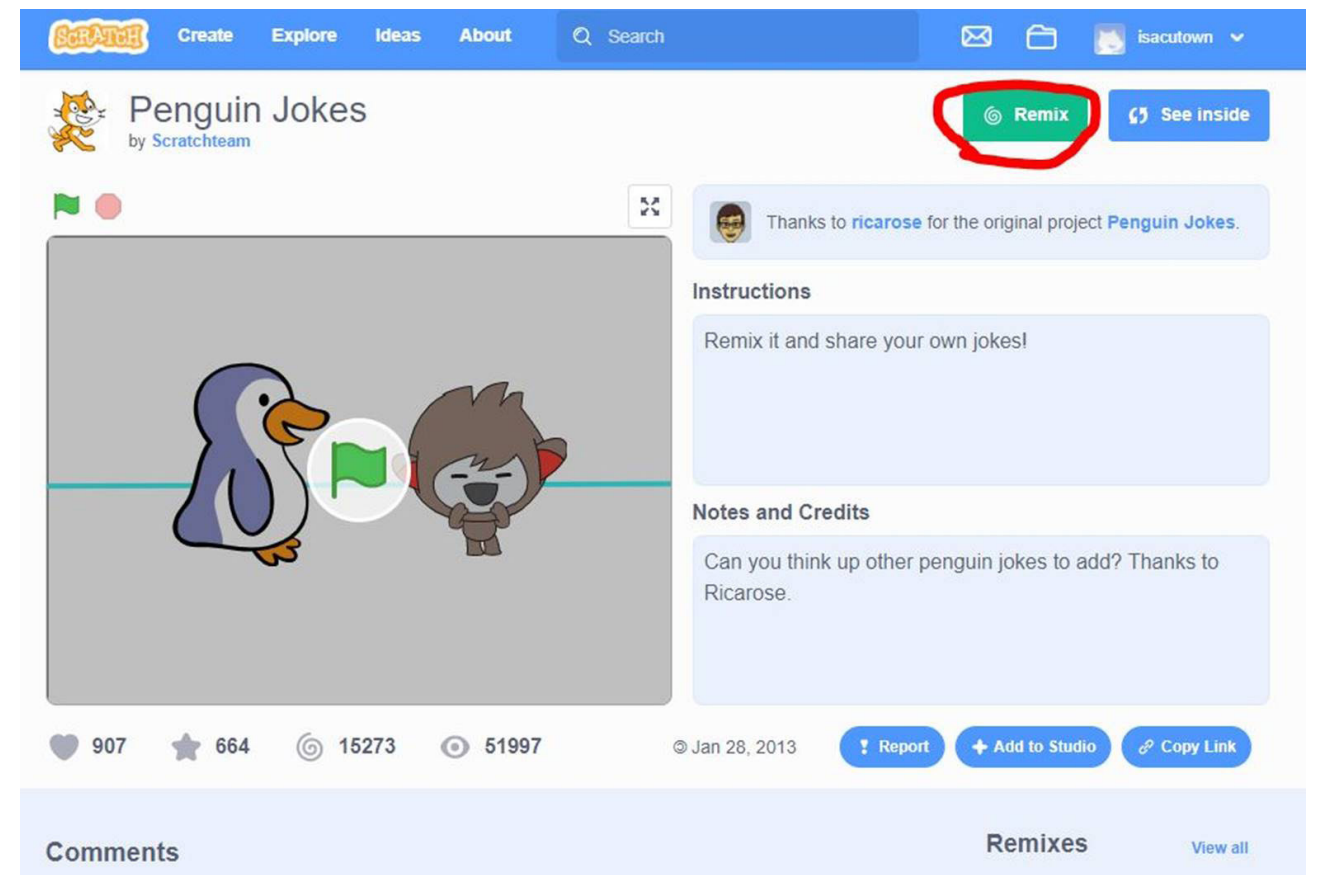
2

Sign into your account.



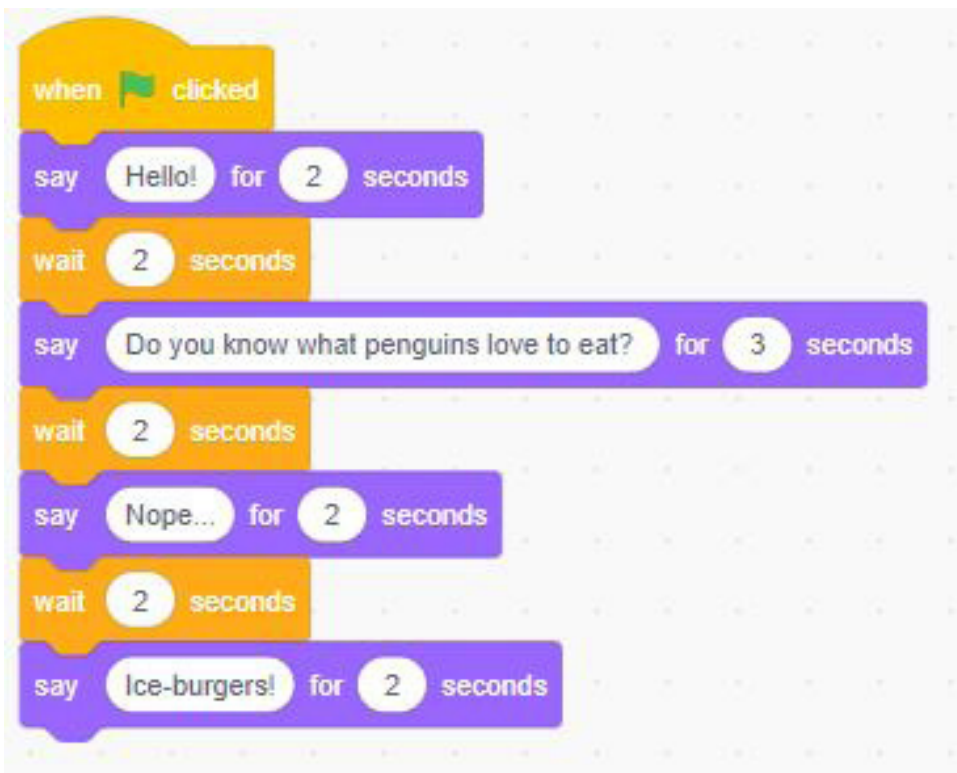
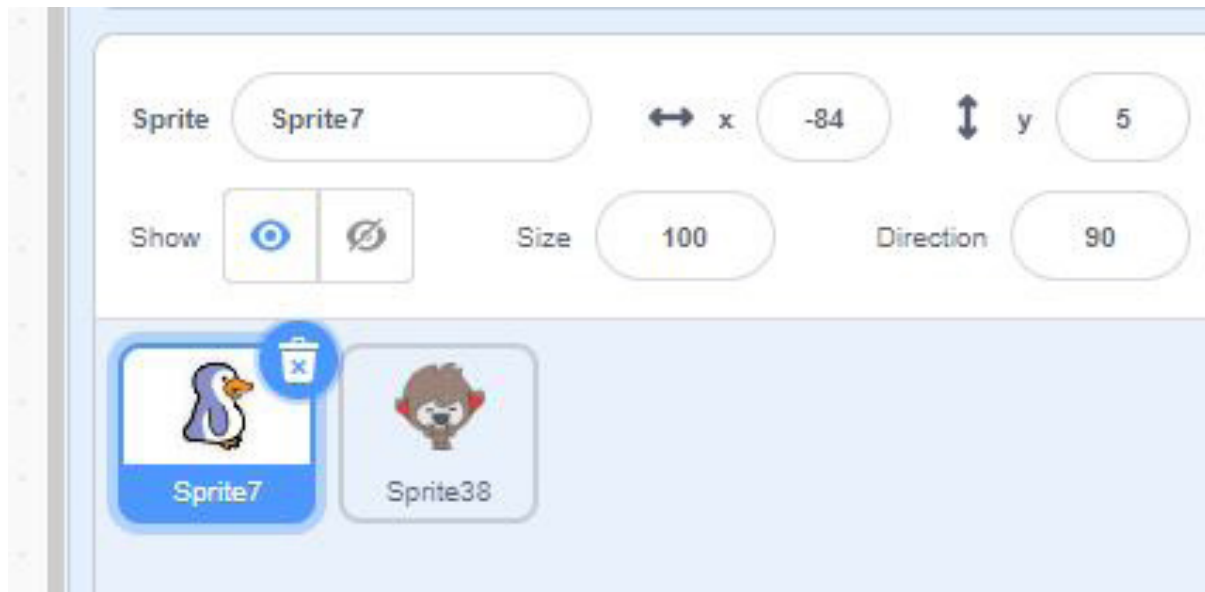
3

Go to <http://scratch.mit.edu/projects/10015800> and
tap on "Remix" link on top-right side of the screen



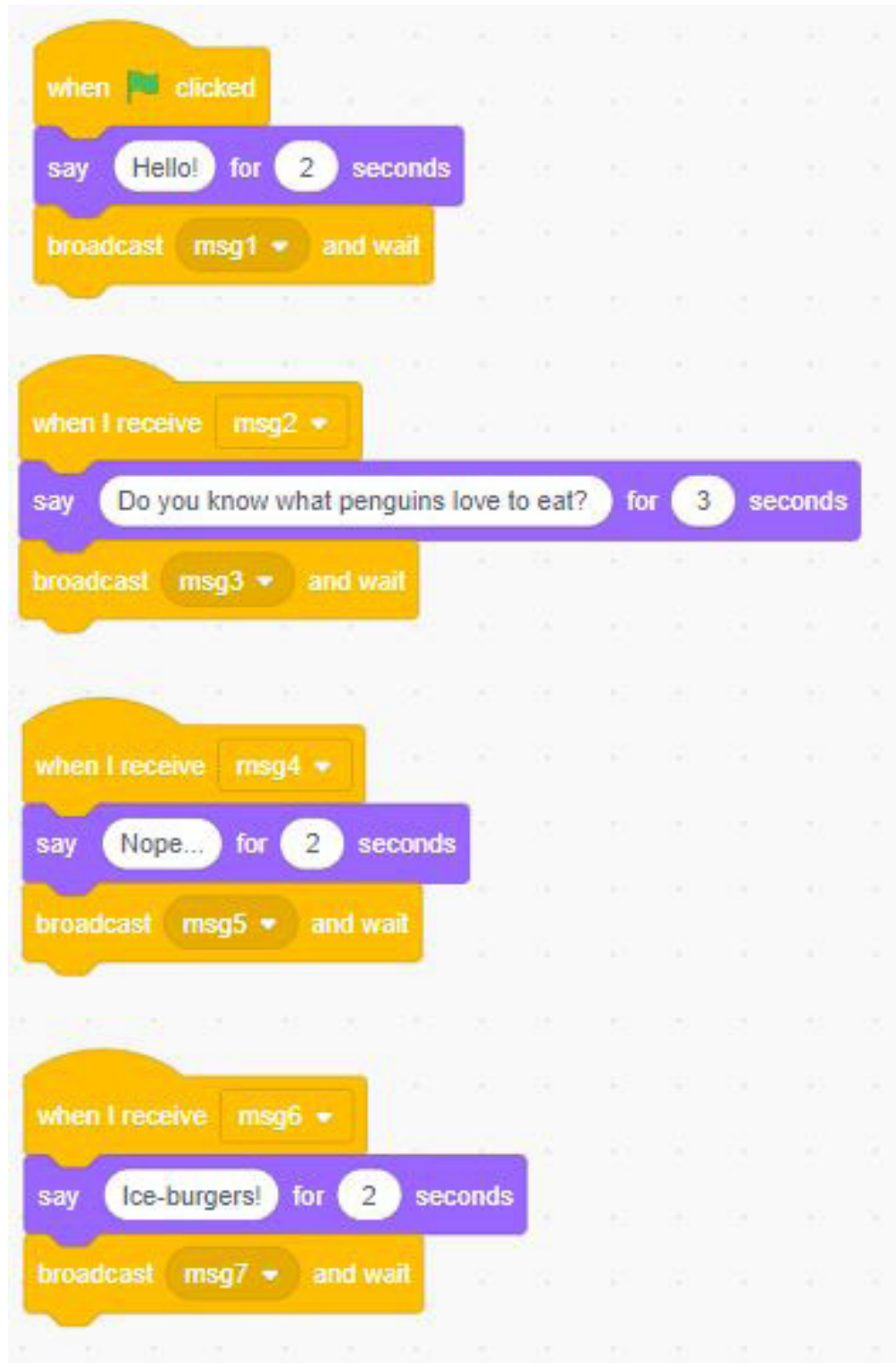
4

Tap on "Sprite7" to select the Scratch block sequence attached to this sprite.



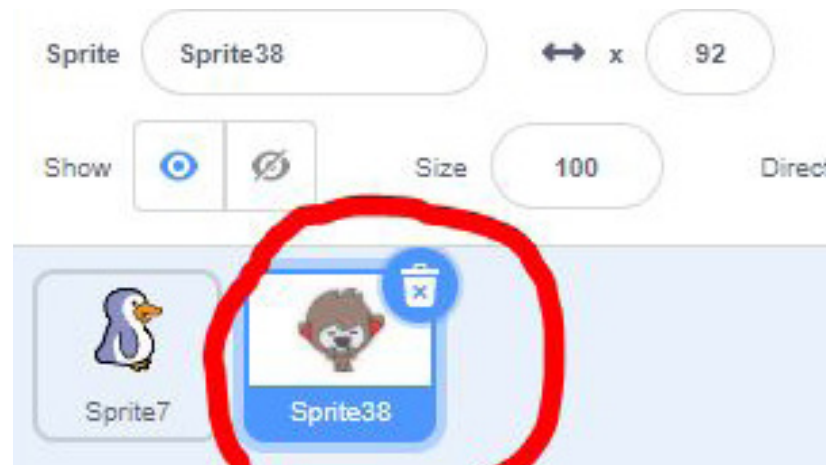
5

As seen in the following code sequence, replace the "wait 2 seconds" Scratch blocks with "When I receive" as well as "broadcast and wait" blocks, both of which are under "Events" block category, to coordinate a conversation with Sprite38.



6

Tap on "Sprite38" to select the Scratch block sequence attached to this sprite.



```

when green flag clicked
  switch costume to smiling
  wait 2 seconds
  say Hi there! for 2 seconds
  wait 3 seconds
  say Fish? for 2 seconds
  wait 2 seconds
  say What then? for 2 seconds
  wait 2 seconds
  switch costume to surprised
  play sound laugh-female until done
  say What other jokes do you have? for 3 seconds
  
```

7

6. As seen in the following code sequence, replace the "wait 2 seconds" Scratch blocks with "When I receive" as well as "broadcast and wait" blocks, both of which are under "Events" block category, to coordinate a conversation with Sprite7.

```

when green flag clicked
  switch costume to smiling

when I receive msg1
  say Hi there! for 2 seconds
  broadcast msg2 and wait

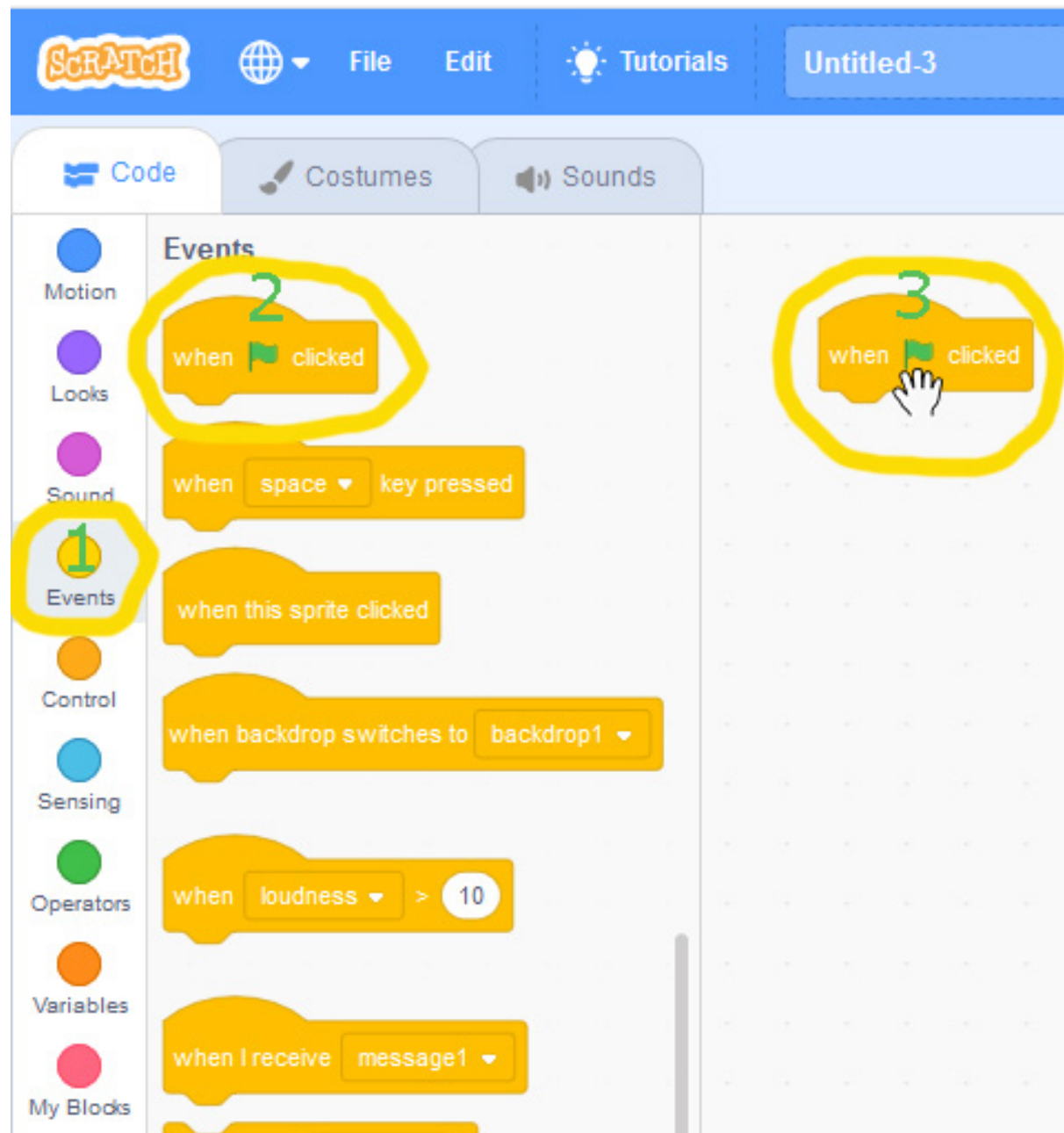
when I receive msg3
  say Fish? for 2 seconds
  broadcast msg4 and wait

when I receive msg5
  say What then? for 2 seconds
  broadcast msg6 and wait

when I receive msg7
  switch costume to surprised
  play sound laugh-female until done
  say What other jokes do you have? for 3 seconds
  
```

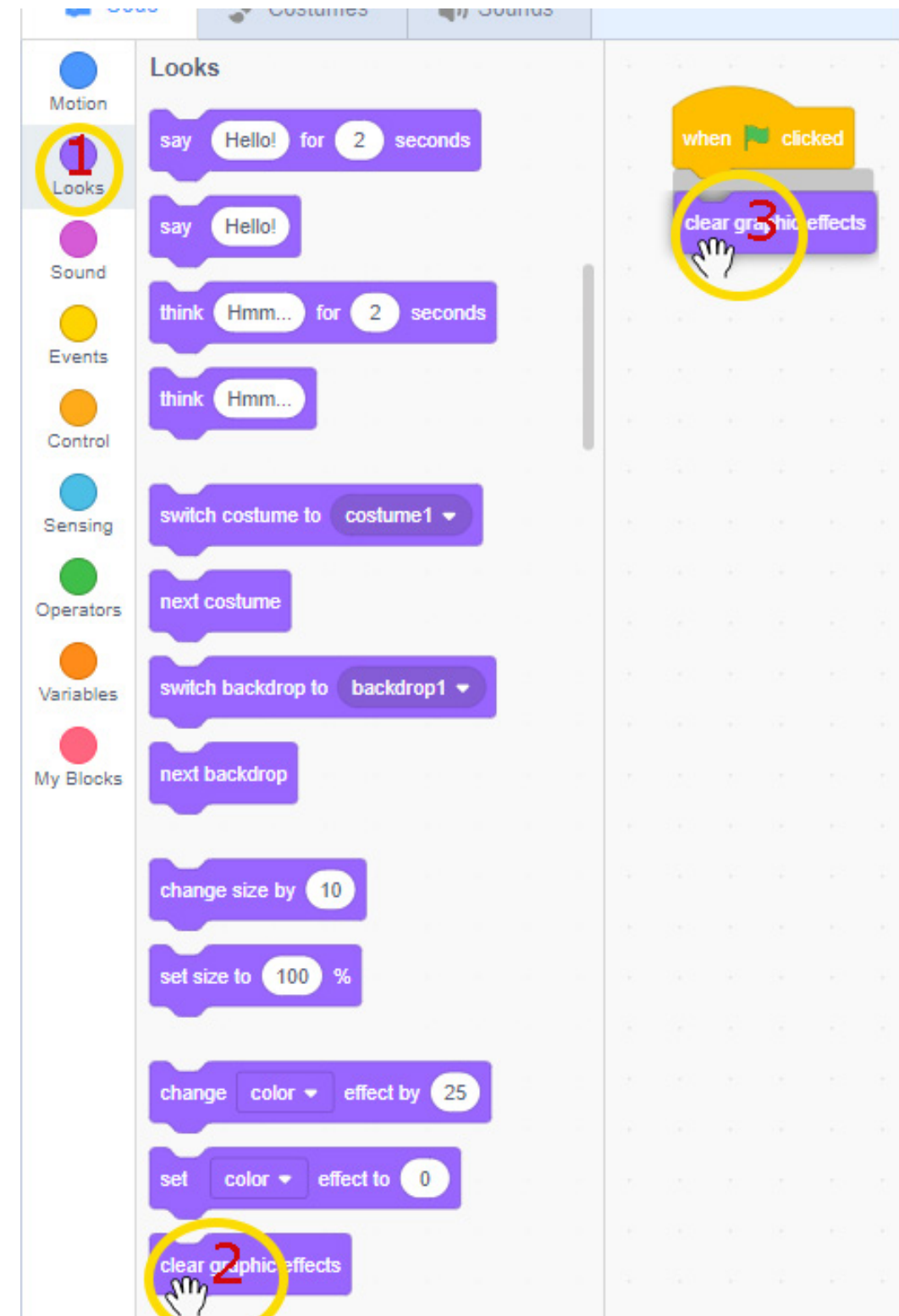

11

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.



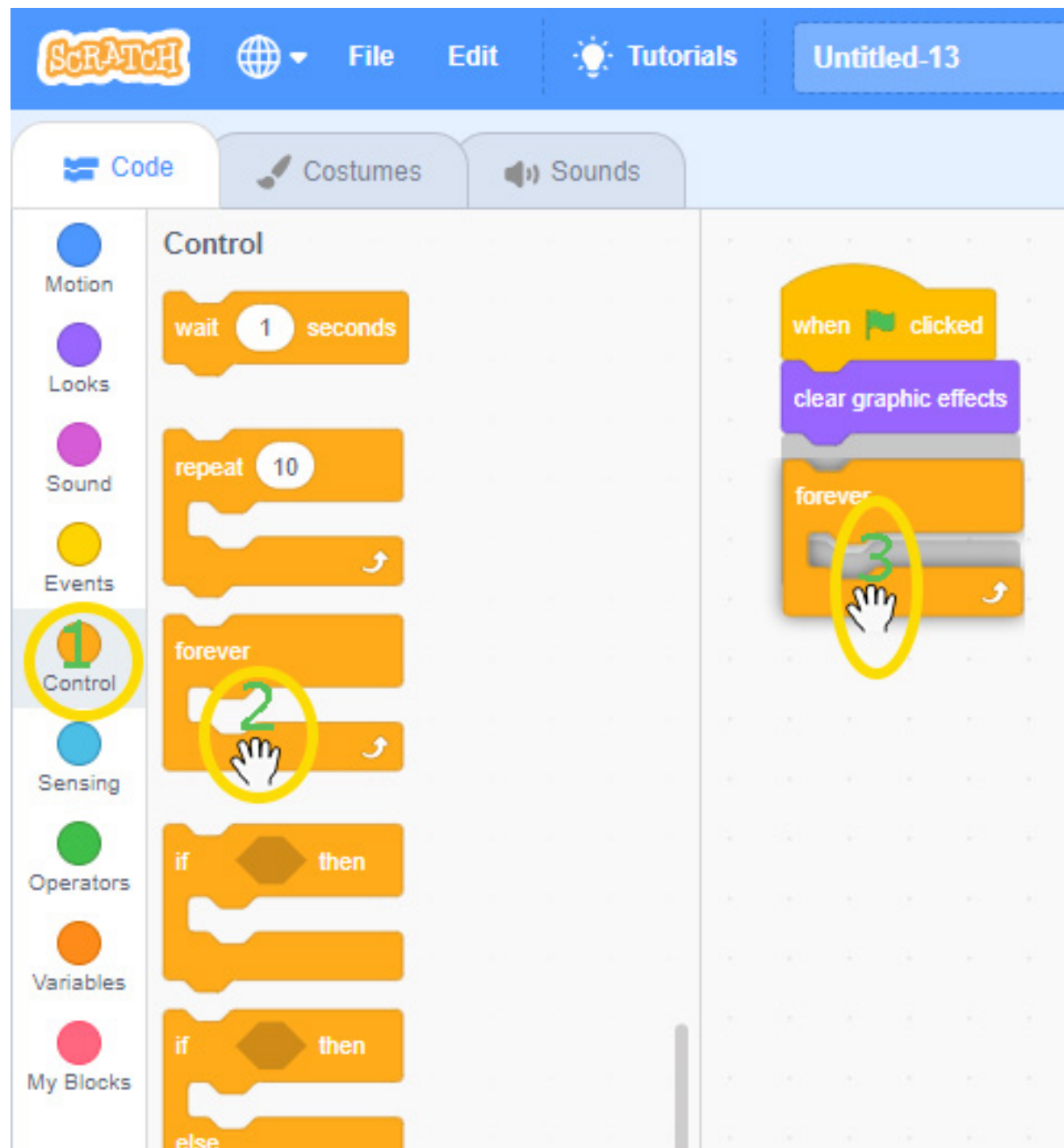
12

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.



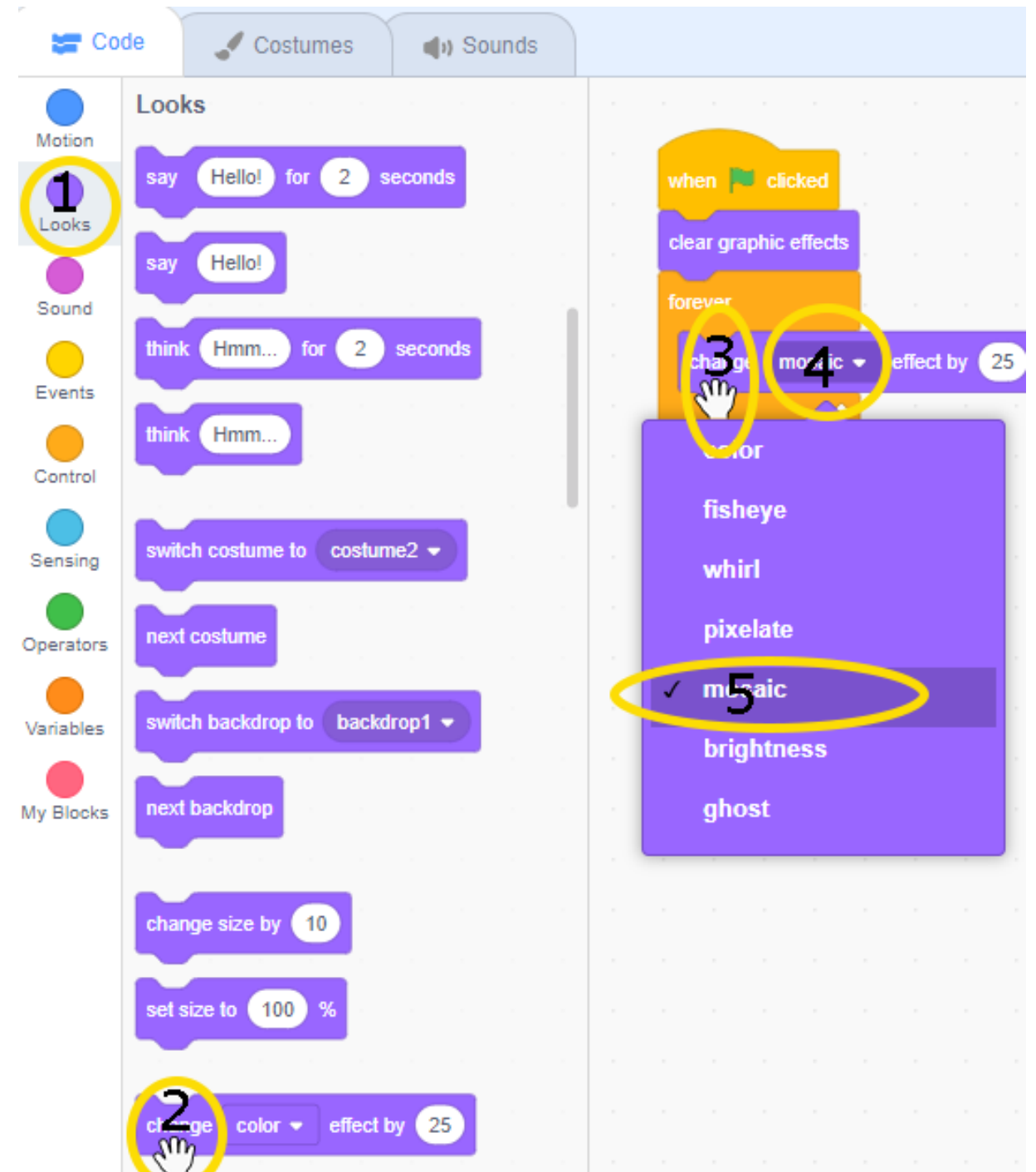
13

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



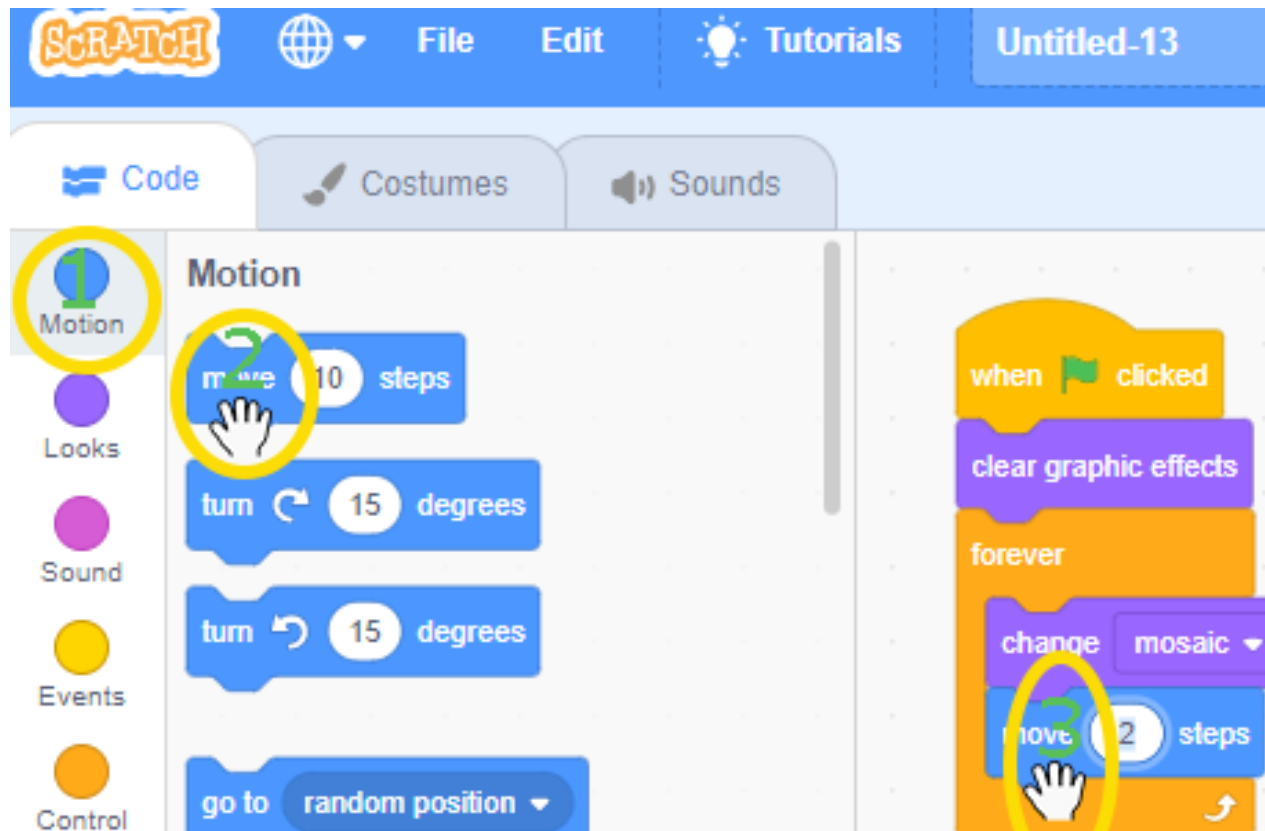
14

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.

