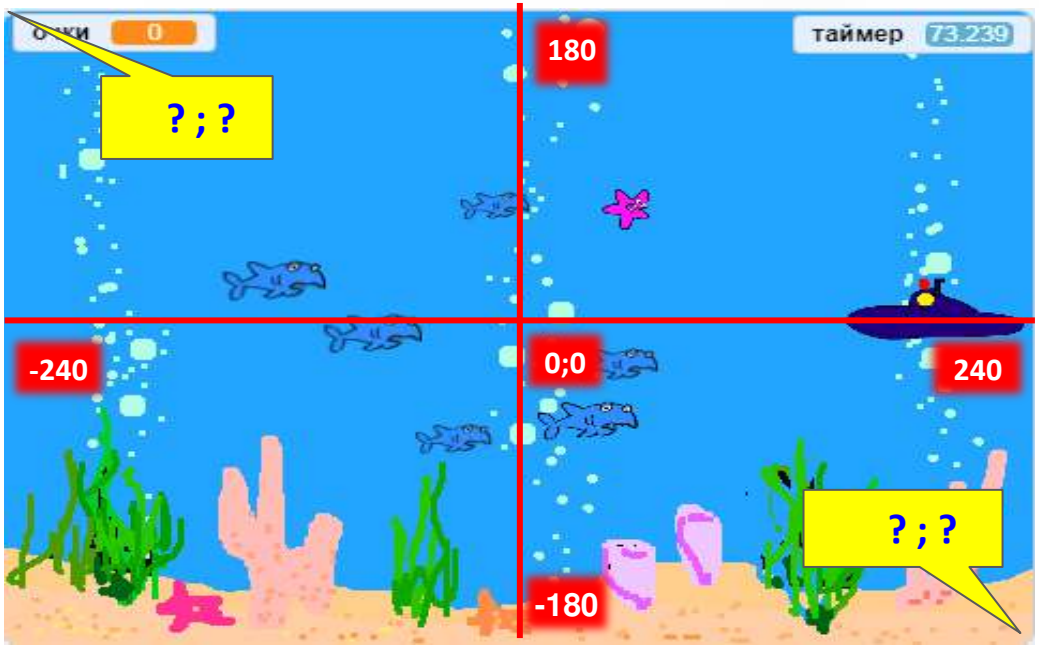
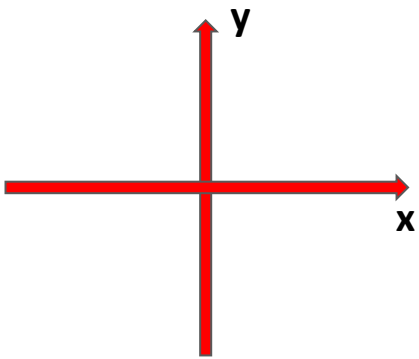
D·BIC

Code Their Dreams

Unit 4: Our Circle Records

Coordinate system: Stage dimensions

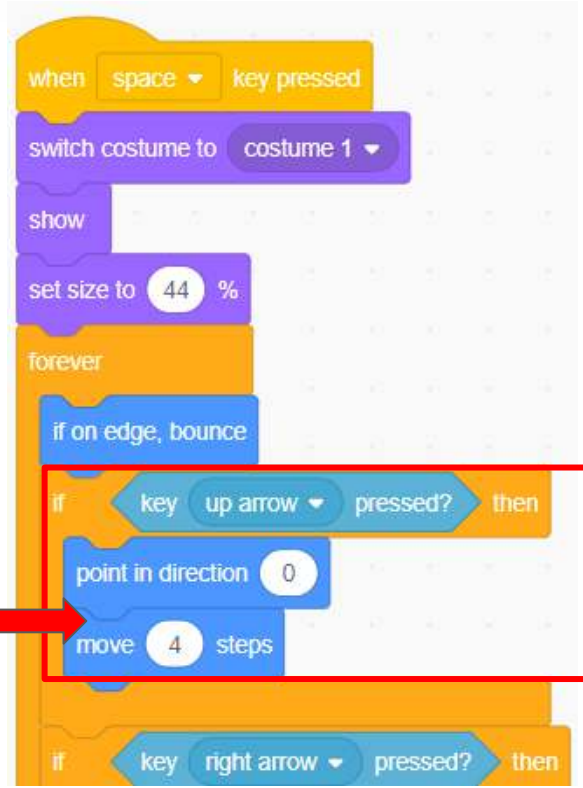




Width - 480 steps

Height - 360 jumps!!

Circle control



Subprograms. All blocks are assembled

Subprogram Deflated (lost)

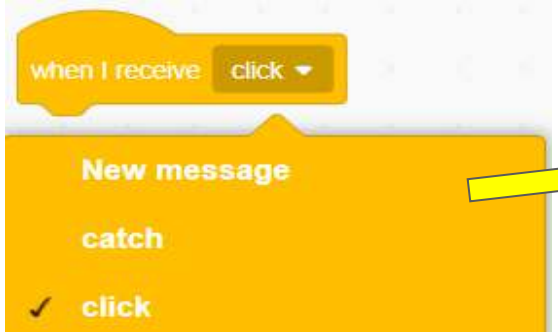
```
define Deflated
set ghost effect to 0
if size > 155 then
    go to x: -40 y: -124
    point in direction 90
    switch costume to costume2
```

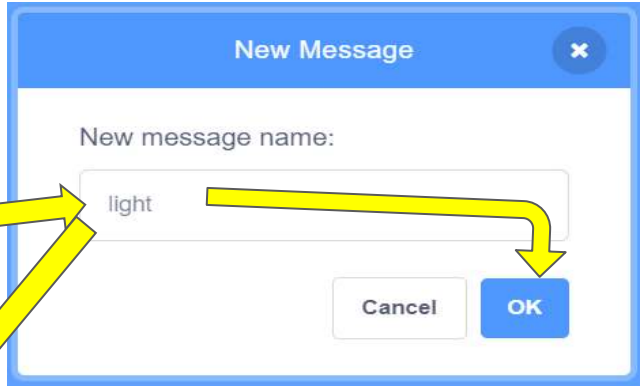
```
switch costume to costume2
wait 0.2 seconds
switch costume to costume3
wait 0.4 seconds
switch costume to costume4
wait 0.4 seconds
say Deflated for 1 seconds
repeat 10
```

```
repeat 10
    change ghost effect by 10
hide
broadcast deflated
wait 3 seconds
stop all
```

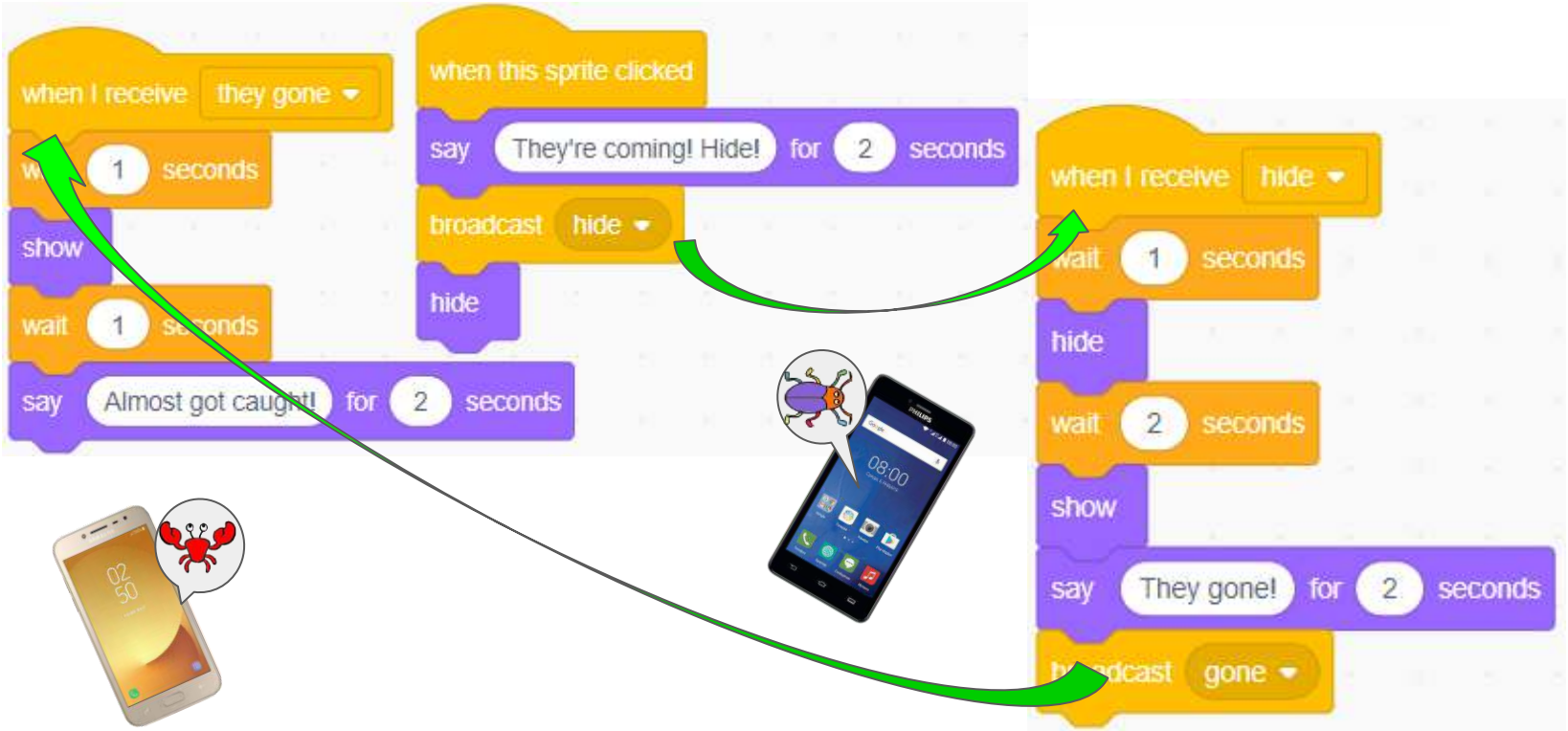
This is a Message

Messages: Events

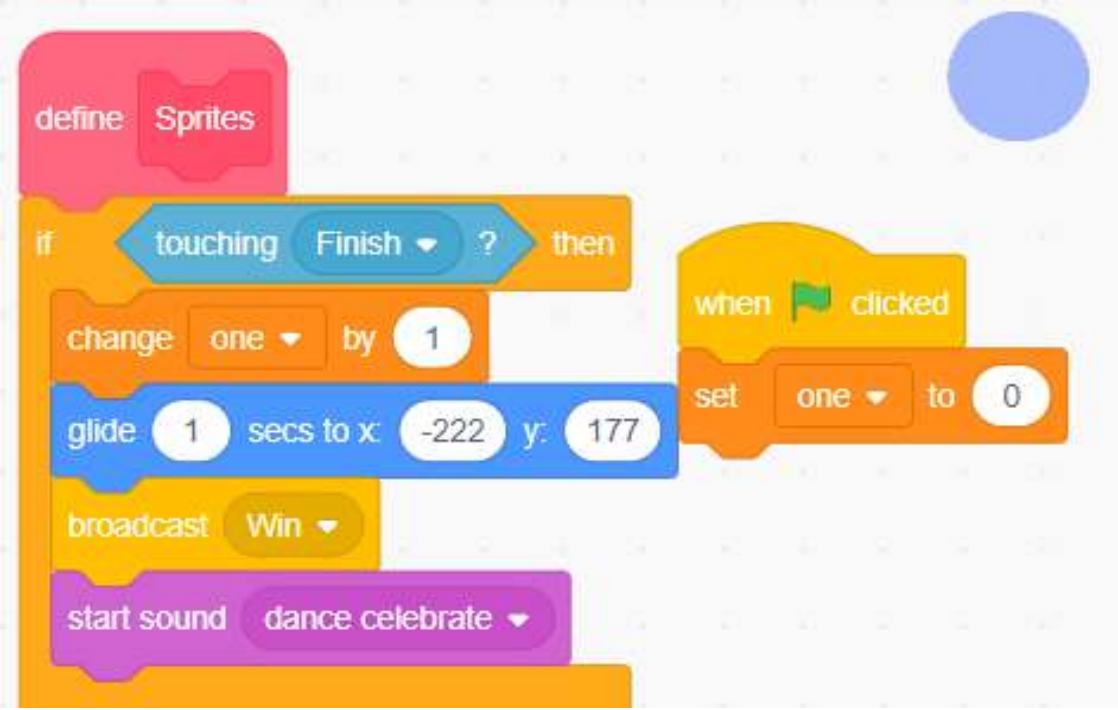




The exchange of messages between sprites



Let's create a Variable and a Message



Message delivery to 3 addresses

broadcast Win

Finish

when I receive Win
say join Congratulations one for 2 seconds

when I receive Win
hide

Square

when I receive Win
switch backdrop to backdrop 2
wait 2 seconds
switch backdrop to backdrop 1
repeat 66
change volume by -1 / 2

Stage

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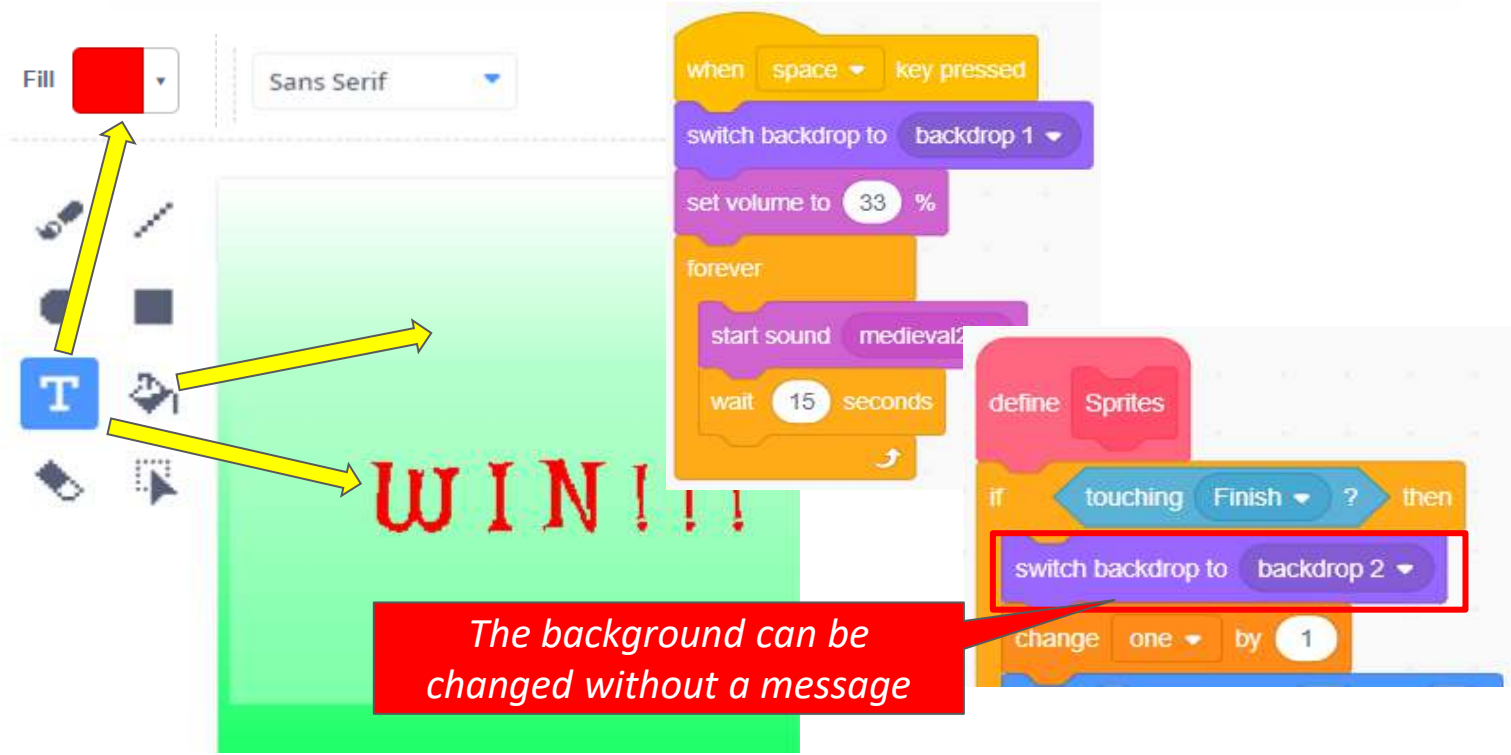
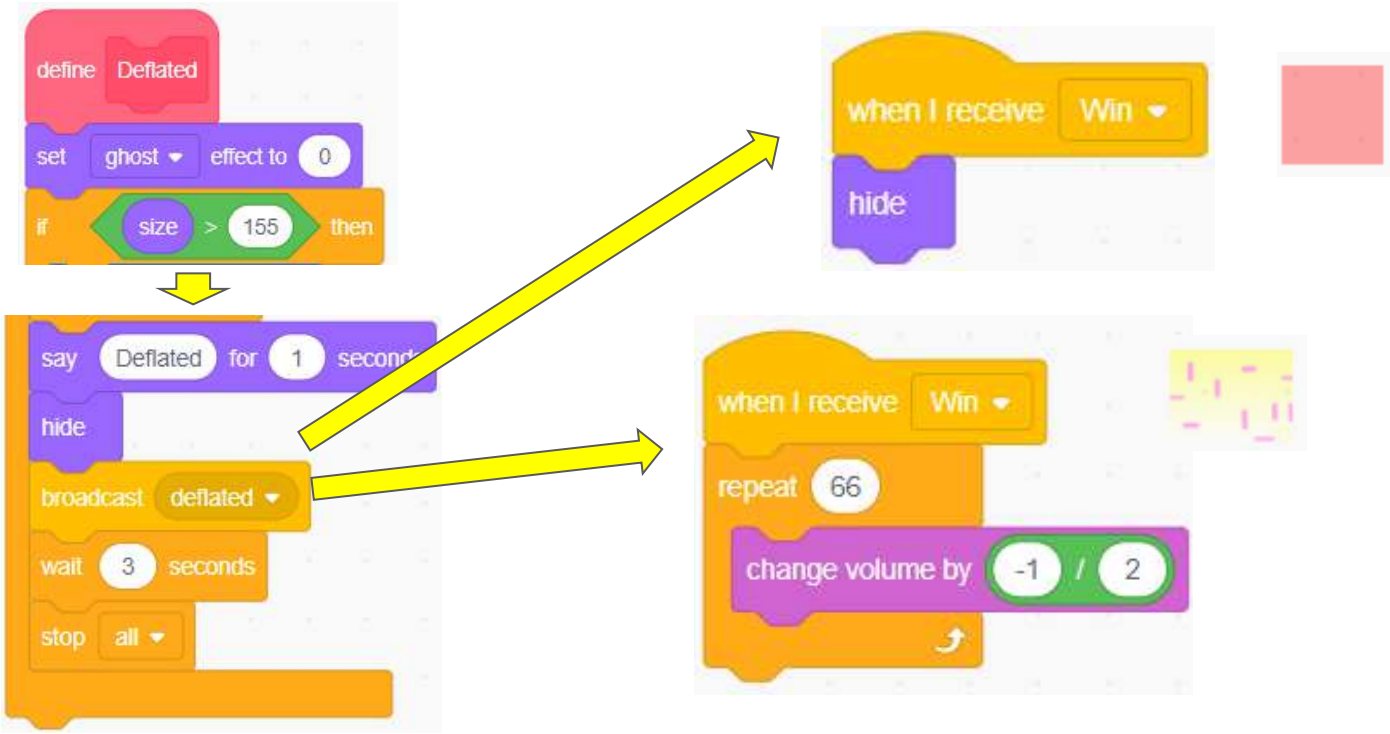
Background No.2. Musical background.



Message delivery to 2 addresses



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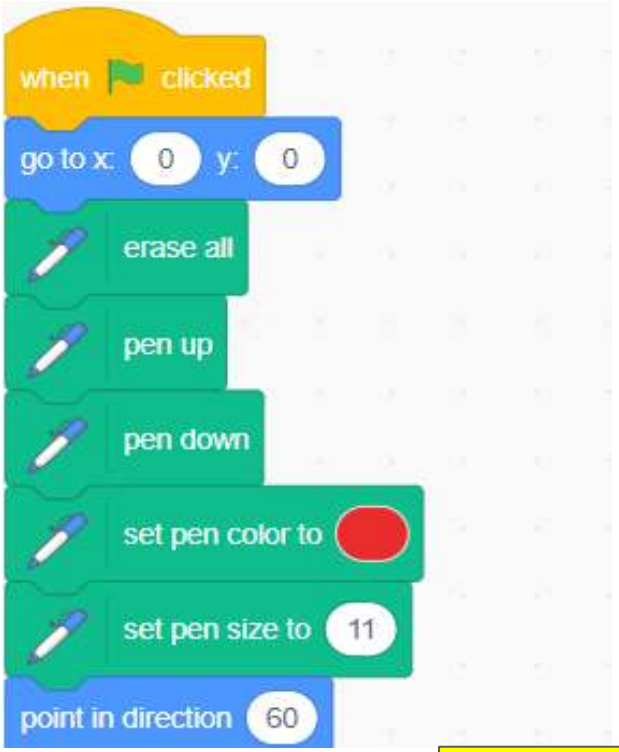
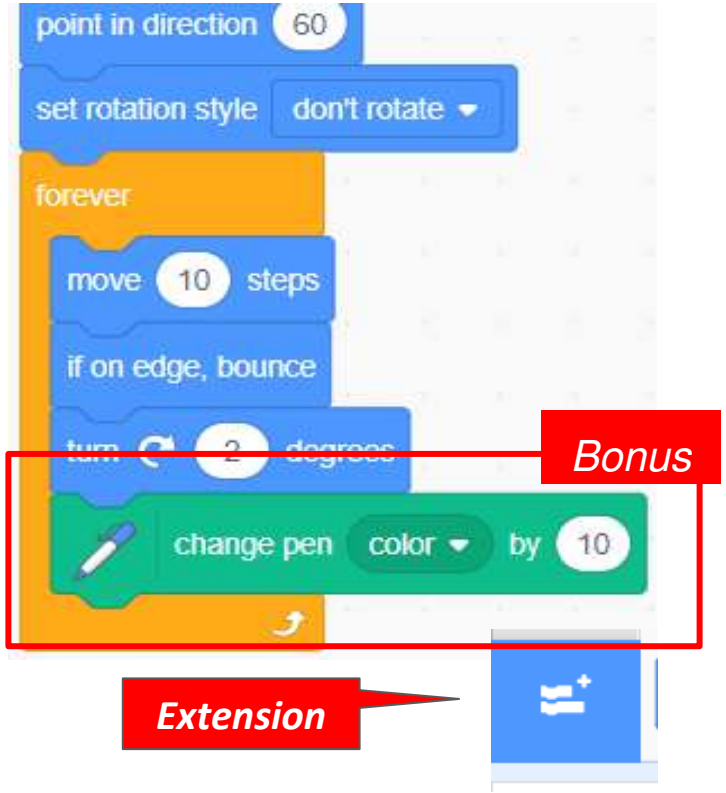
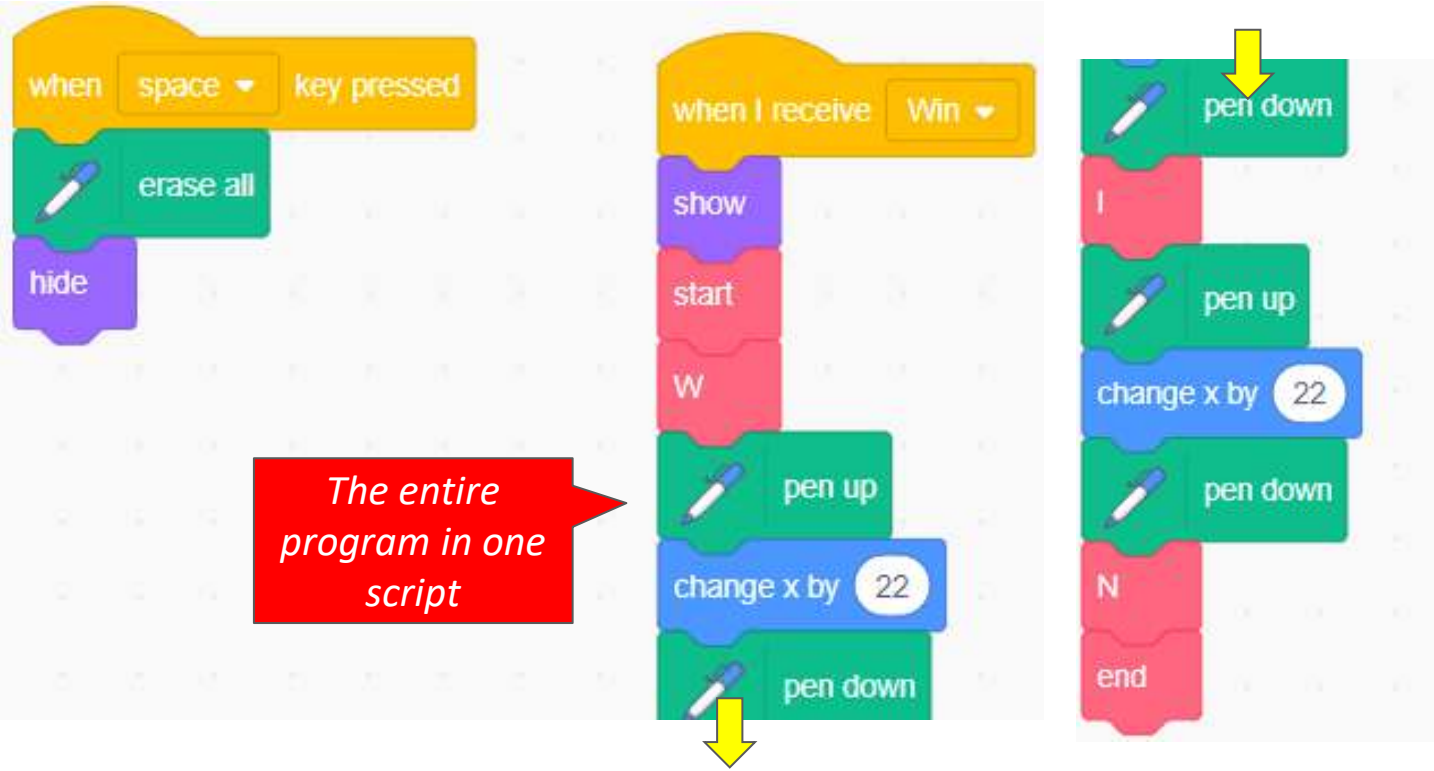
Pen. Working with a pen





Pen. WIN


when space key pressed
erase all
hide
when I receive Win
show
start
W
pen up
change x by 22
pen down
pen down
I
pen up
change x by 22
pen down
N
end
The entire program in one script

Pen. Subprogram Beginning

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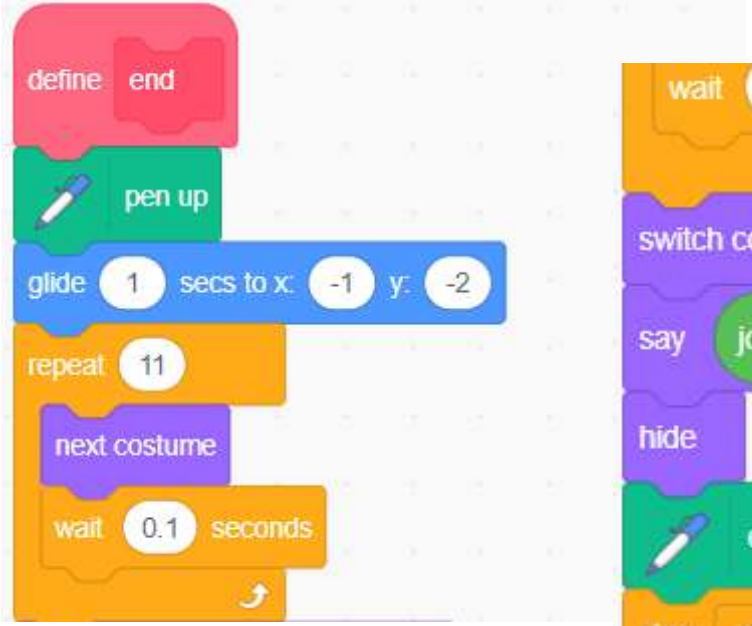
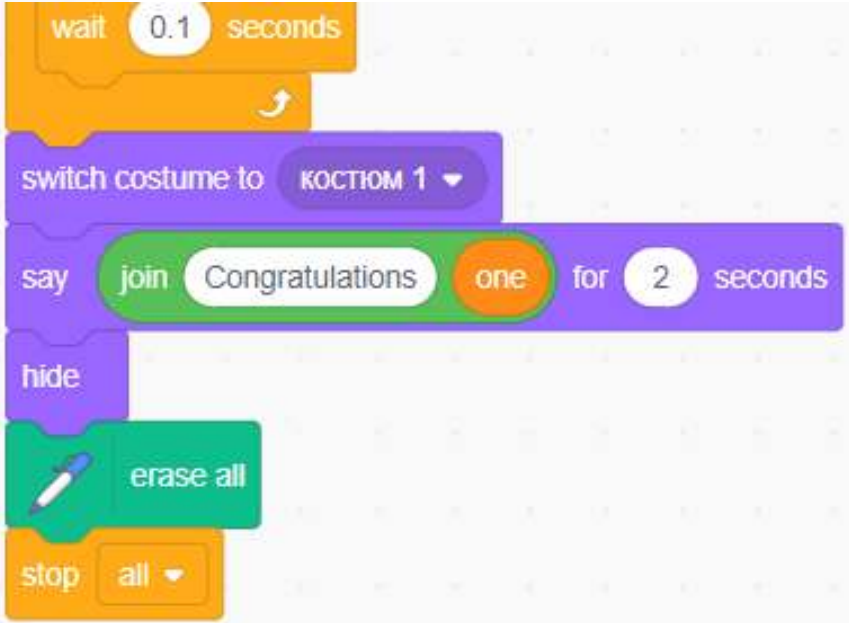
Pen. Subprogram End





Pen. Subprogram font size

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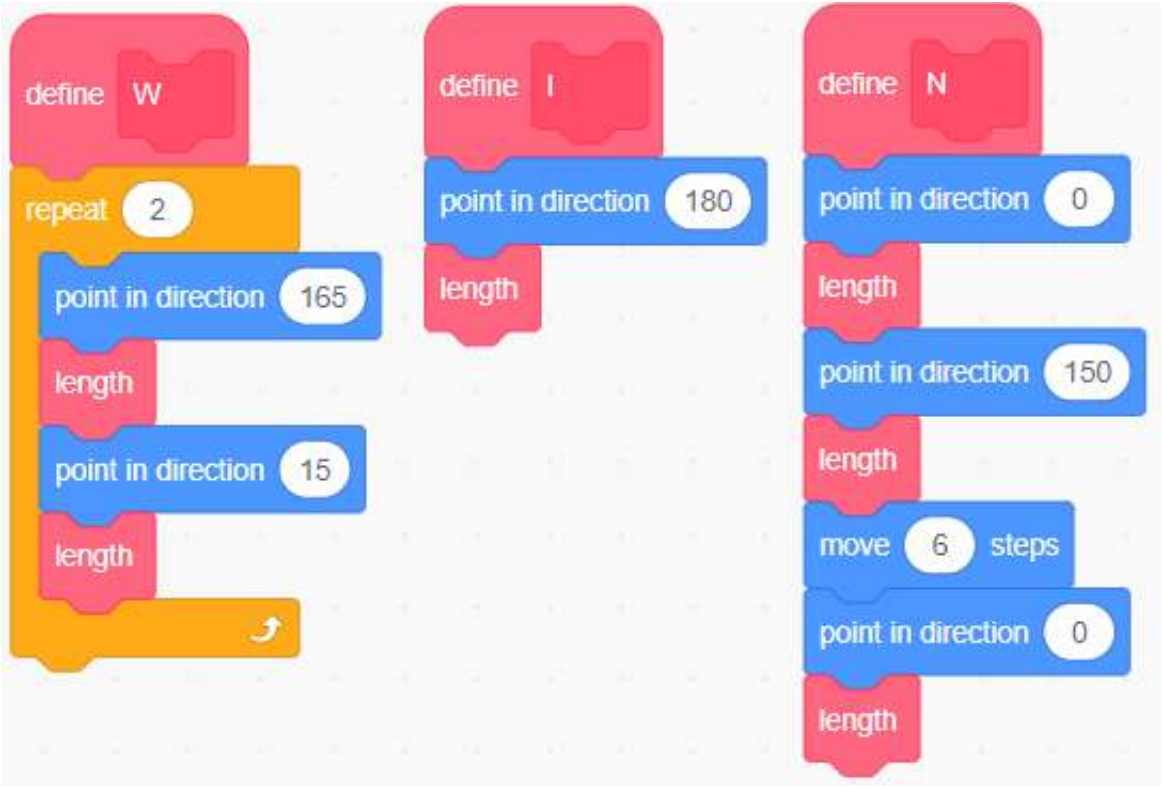
Pen. Subprogram by letter



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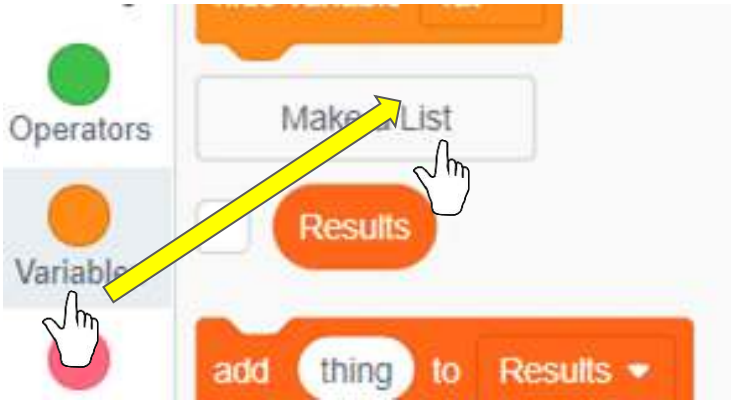
Lists. Create. Display



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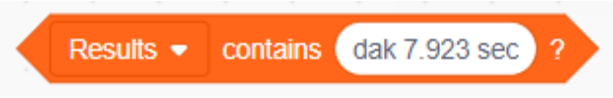
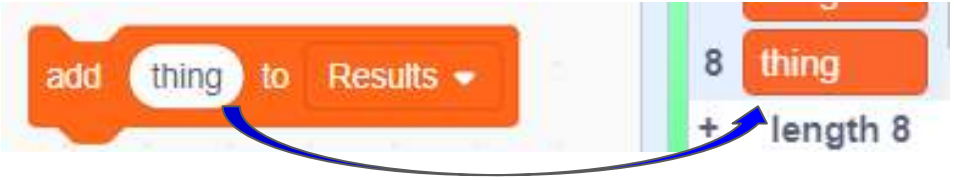
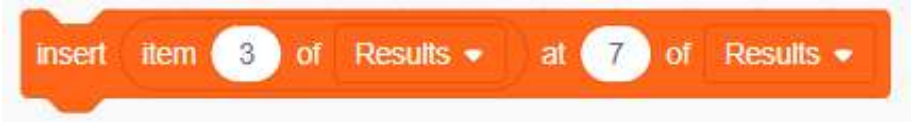
Lists. Commands







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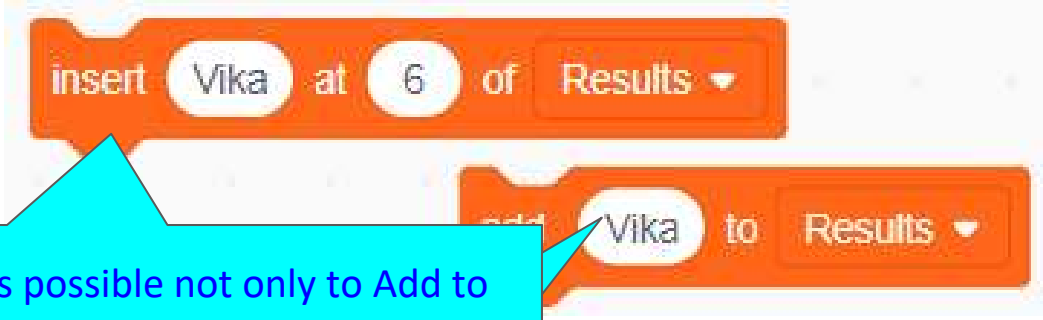
Lists. Commands 2



It is possible not only to Add to the end, but also to Insert

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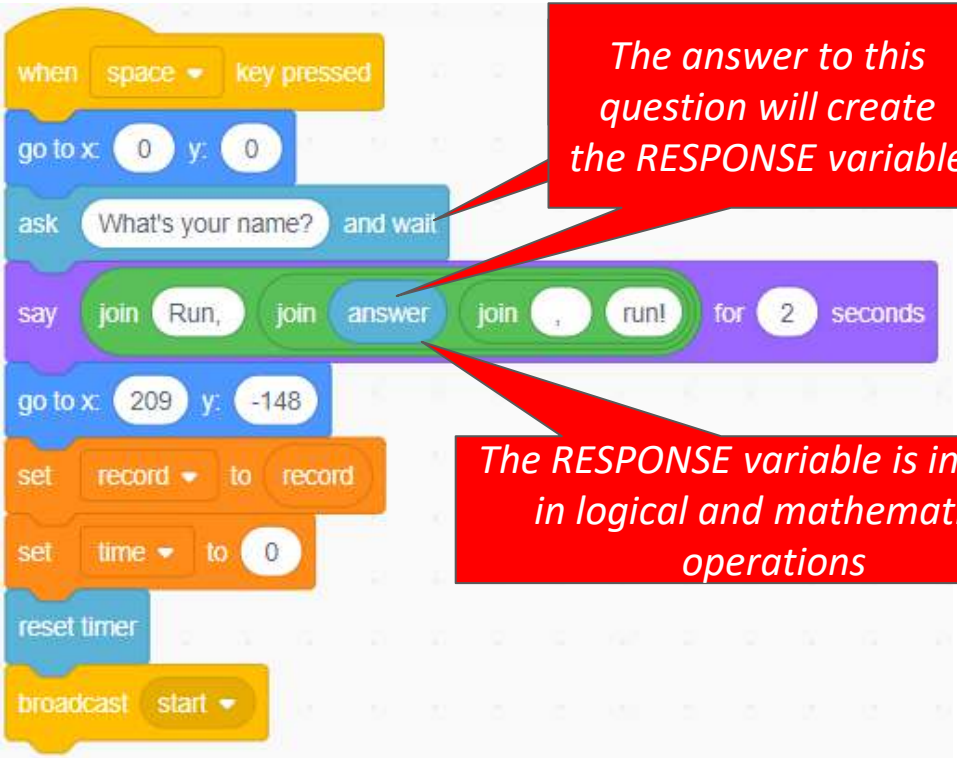
Lists. Work beginning

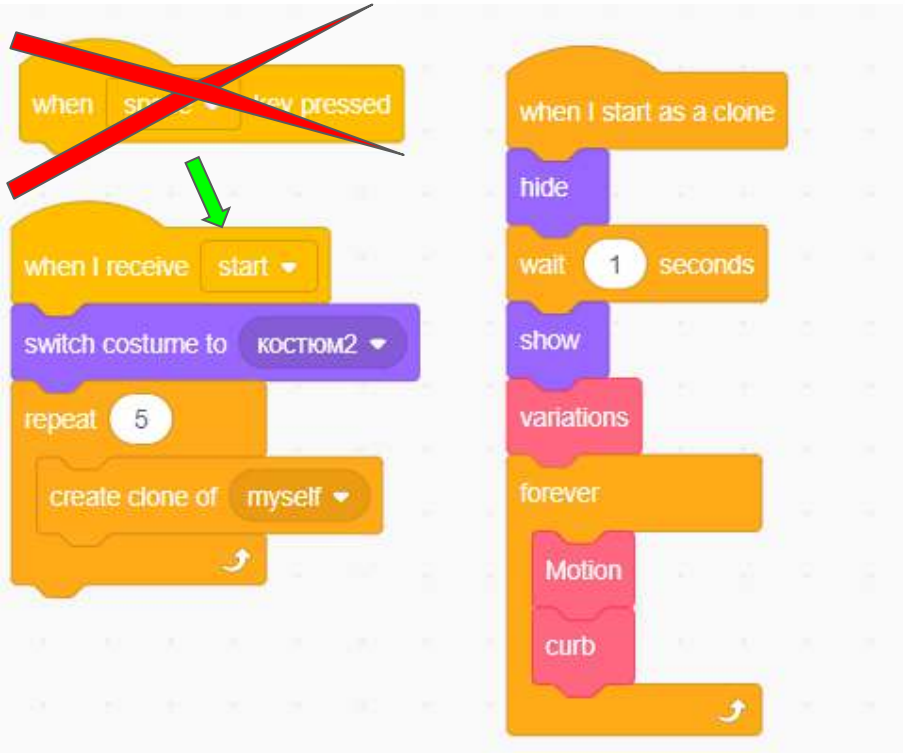
Lists. Registration of participants



The answer to this question will create the RESPONSE variable

The RESPONSE variable is involved in logical and mathematical operations

Lists: Script of the Square



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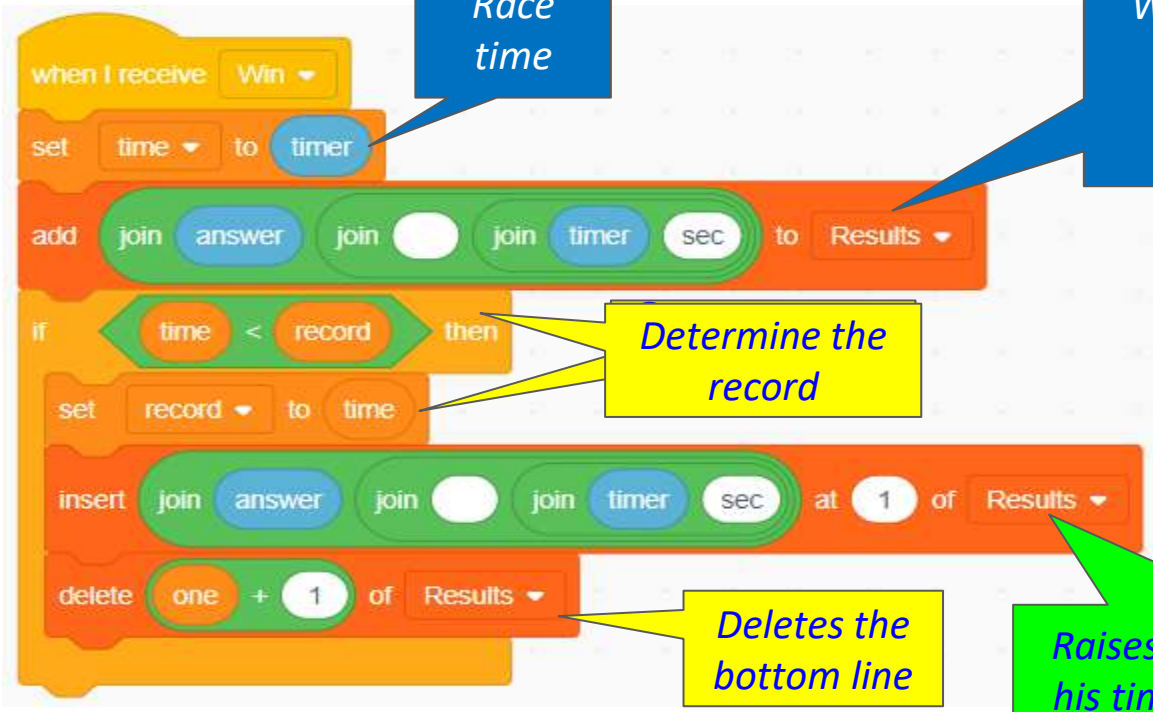
Lists. Main script

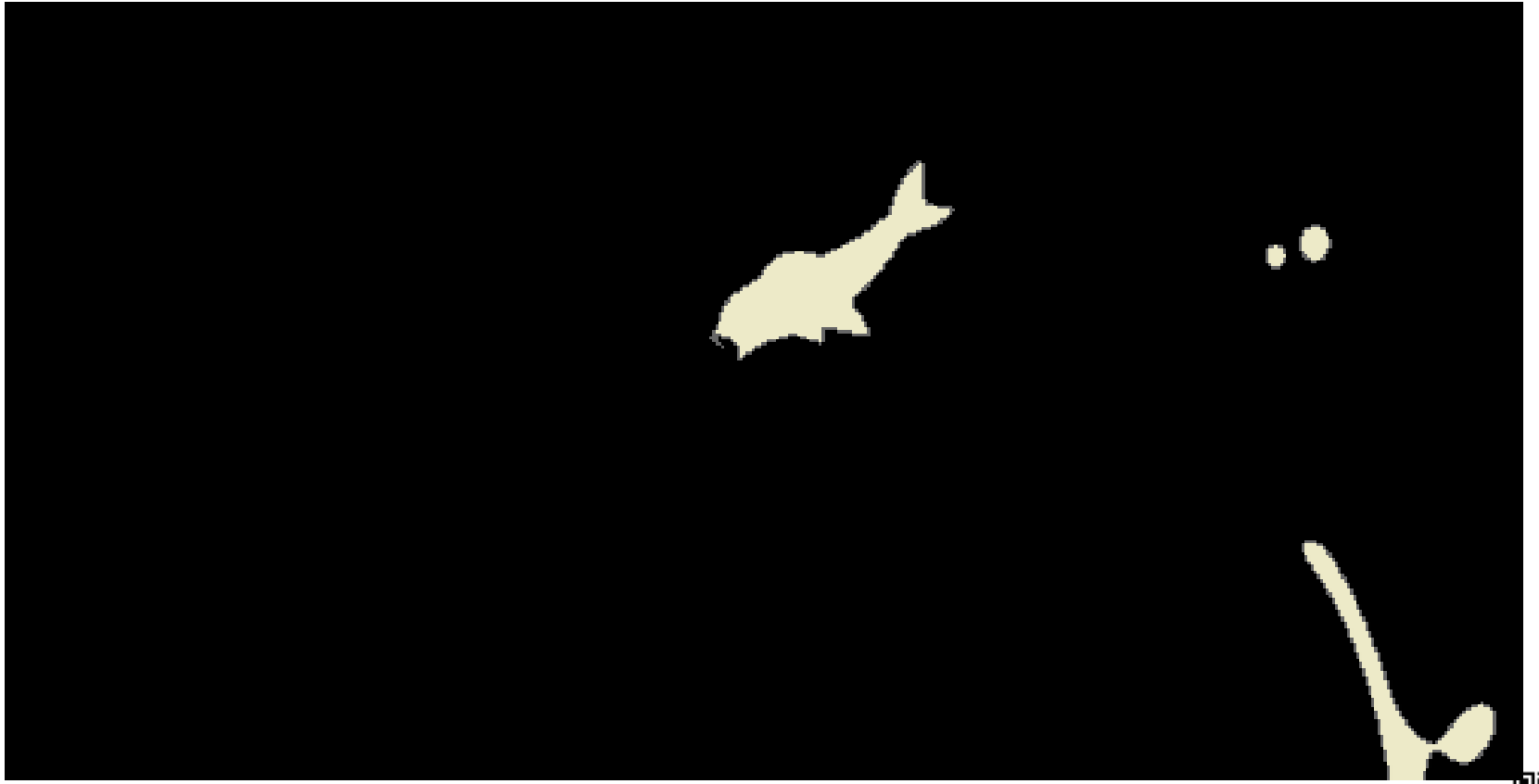


Race time

Will ADD a name and time using the string operator

Determine the record

Deletes the bottom line

Raises the record holder and his time to the top of the list

Warm up