

Homework Assignment

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DP
EDUCATION

Coding School

How It Works

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Built on Code Studio ▾

- ❖ You've got a backyard with a hedgehog in a field.



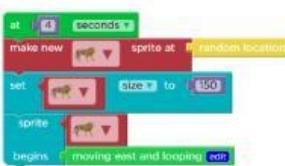
- ❖ When the Run button is clicked, prepare the related blocks to make a hyena move continuously in the east direction.



- ❖ Click on the Run button and after 2 seconds prepare the blocks related to a tiger moving continuously in the west direction.



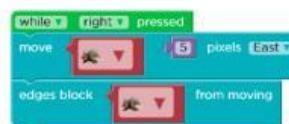
- ❖ Click on the Run button and after 3 seconds, the blocks should be prepared to make a lion move continuously in the east direction.



- ❖ When the up-arrow key is clicked, the hedgehog should move 5 pixels in the north direction. The movement is blocked at the edges of the screen. Prepare the related blocks.



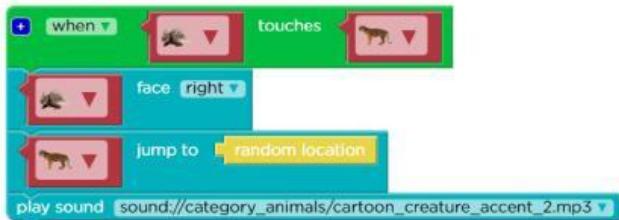
- ❖ As above, when the down, left, right arrow keys are clicked, 5 pixels should be moved in the direction of south, west, east. Those movements are also blocked at the edges of the screen. Prepare blocks related to it.



- ❖ When the hedgehog meets an enemy, hedgehog turns its back, which has more sticks, towards that enemy. Thus, when the lion touches the hedgehog, the hedgehog should turn its face to the opposite side. Also, the lion should jump to a random location and make a sound. Similarly, apply blocks to the hyena as needed.



- ❖ When the hedgehog touches the tiger, the tiger should jump to a random location and make a sound. If the hedgehog is facing the tiger, the hedgehog immediately turns to the other side.

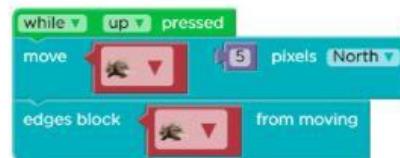


Choose the correct answer.

1. A lion coming from any place should continuously move towards the east. What are the related blocks?



2. What does this mean?



While clicking the Up arrow key, 5 pixels will be moved in the north direction. And movement is blocked at the edges of the screen.

Only when the Up arrow key is clicked, 5 pixels will be moved in the north direction. And movement is blocked at the edges of the screen.

While clicking the Up arrow key, 5 pixels will be moved in the north direction. And the movement at the edges of the screen continues without blocking.



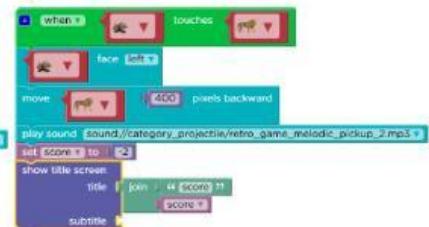
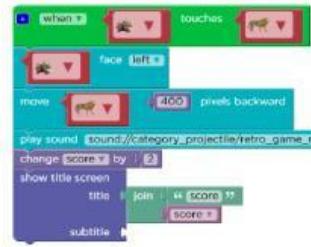
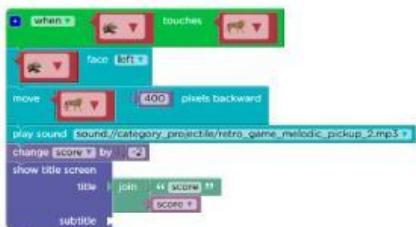
3 What does this mean?

Hedgehog turned left.

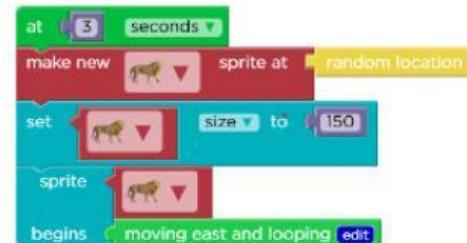
Hedgehog jumps left.

Hedgehog turns left and runs.

4 Hedgehog is a little bully in the animal world. What are the blocks related to the reduction of 2 points when this little bully is touched by the lion?



5 What does this mean?



A lion comes and moves east for 3 seconds.

A lion comes and moves west for 3 seconds.

In the third moment, a lion comes and moves to the east.