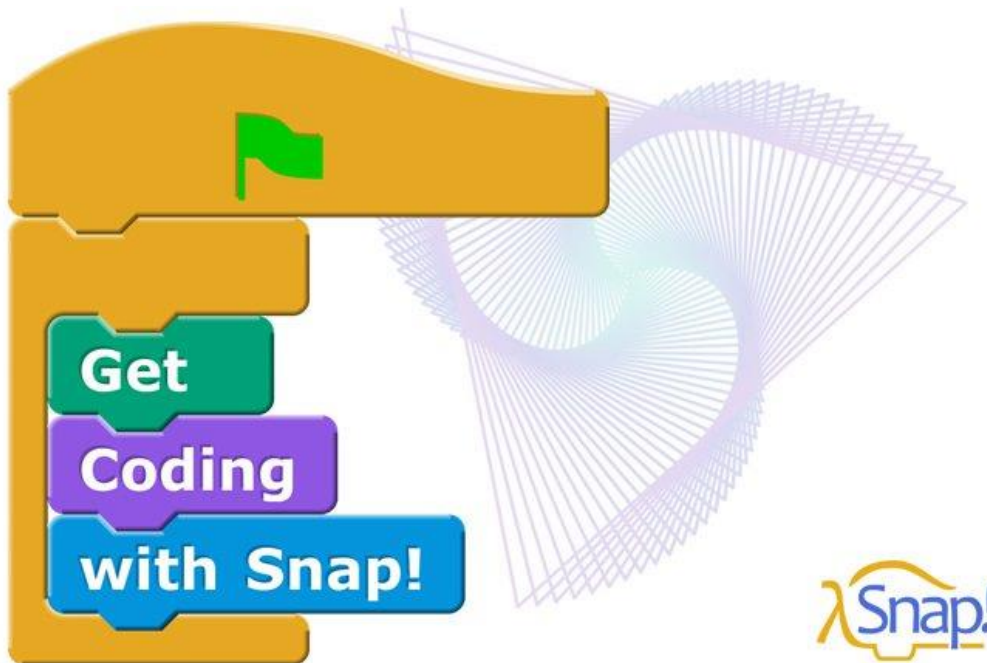


openSAP Get Coding with Snap!

Exercises Week 2 Unit 5



PUBLIC



WHAT YOU HAVE LEARNED THIS WEEK

In today's video you've learned how to import and use Snap!'s "animation" library. This is a set of blocks that implements "motion effects", letting sprites accelerate or decelerate over time and distance.

You've also seen that if we take the "tree" block from the last unit and merge it with the idea of cloning a sprite, we can model things like an explosion or realistic growth of branches. We've also shown you that you can use Snap!'s "launch" block as another way to let two scripts run at the same time in parallel.

YOUR TURN

(1)

Import the "animation" library into a new project and explore it. What else can you do with it? Can you let a sprite jump up and down more realistically by using acceleration and deceleration options? Can you make an item bounce off the floor realistically? What other ideas do you have?

(2)

Have fun! Try rebuilding the "heart explosion" project shown in the video and go wild! How about adding some color effects to it, some random size changes, maybe more costumes or a colorful background? We'd love to see your creations!

Coding Samples

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