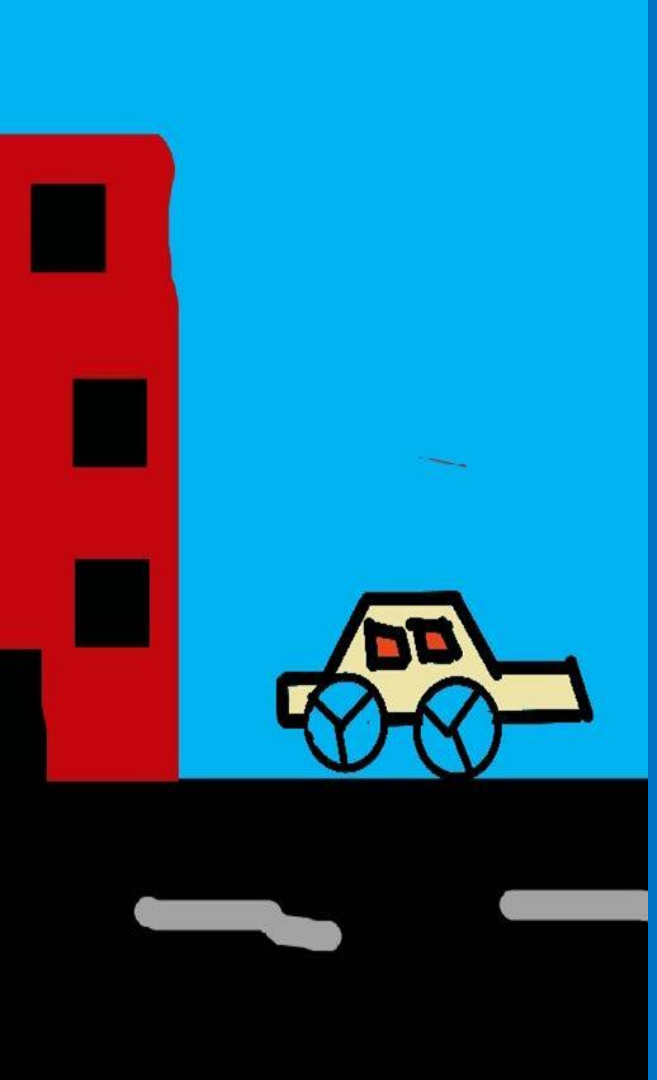


Learn to program on phone with Pocket Code

Lesson 3: My Car

About CEL

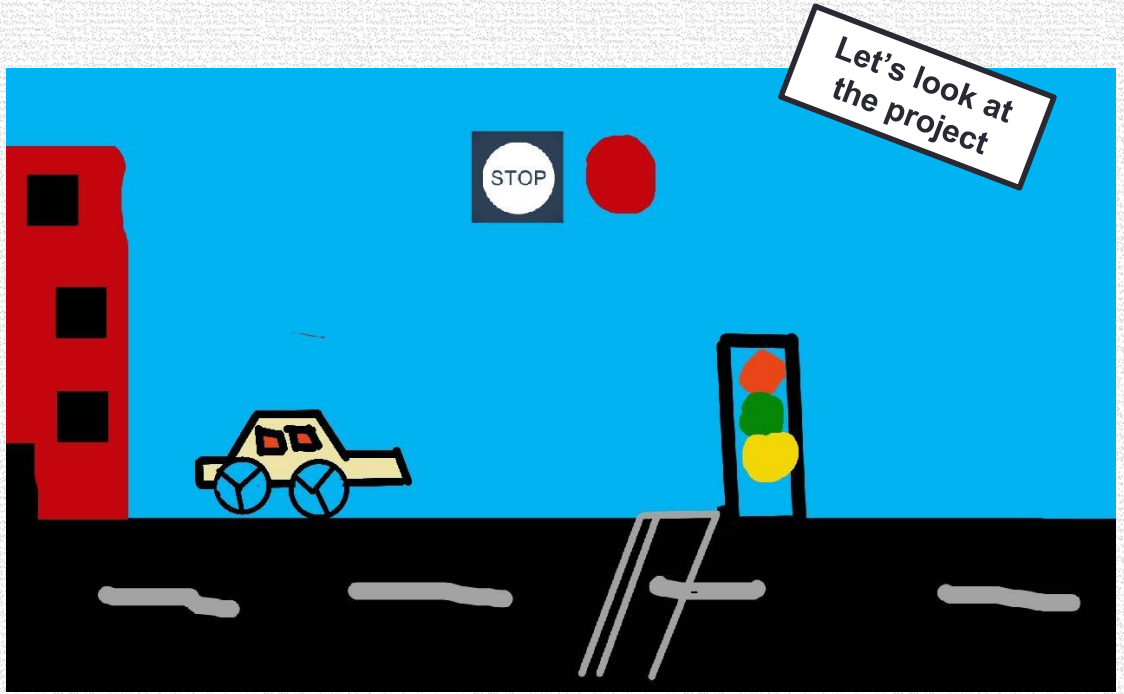
Code to Enhance Learning is nonprofit uses coding as a tool to build critical thinking, creativity, collaboration and perseverance in children in grade 5-9.

Lesson 3
My Car

Code to Enhance Learning

Objective:

We will make a car moving with wheels rolling on the road.



Let’s Recall:

1. What is Sequence?
   A logical Order

2. What is Events?
   An event in an action due to which something happens.

Loops

Loops means same thing happening multiple times.

Example- Any sequence of event in your life that are repeated and you'll see an example of loop.
Like- Buses and transit system.

Talk to your partner:

- Where do you see loops in real life?

My Car: (Teacher Models)

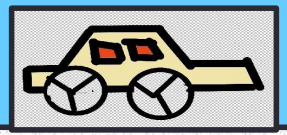
Let's do abstraction to make understand project and make it simple

1) What will happen on the stage?

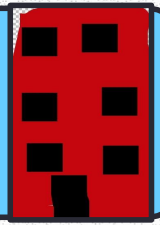
- Buildings are moving back
- Traffic signal is moving back
- Car wheels are rolling
- Car stops when we tap on stop sprite.
- There is Give way sprite

2) What sprite and backdrop will be needed on the stage?

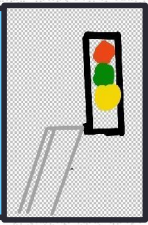
Car Sprite



Building Sprite



Traffic Signal Sprite



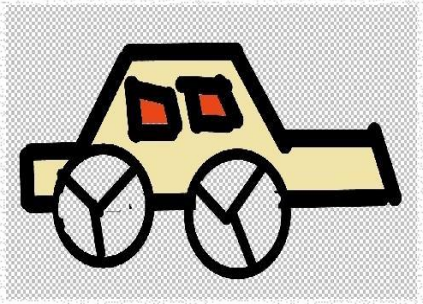
Give way Sprite

Stop Sprite

Background

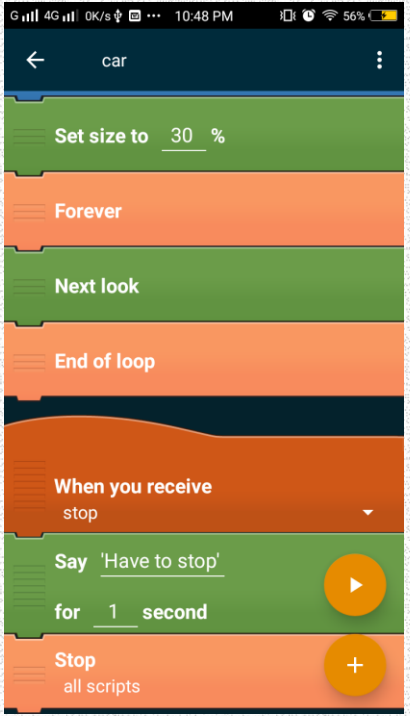
My Car: (Teacher Models)

Let’s make the project and write codes for the sprites…



1

2



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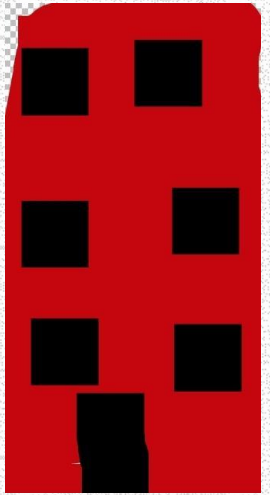
My Car: (Teacher Models)

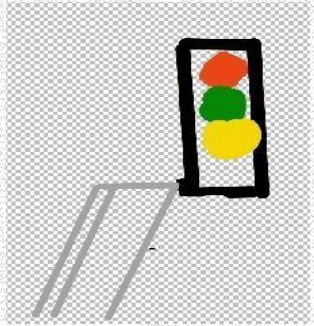
Let’s make the project and write codes for the sprites…

1



My Car: (Teacher Models)

Let’s make the project and write codes for the sprites…



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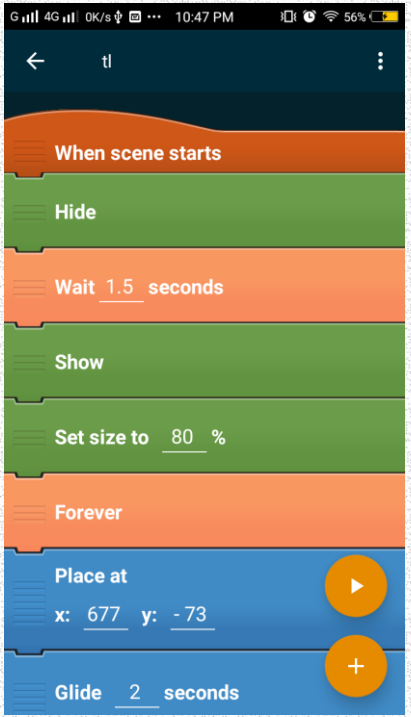

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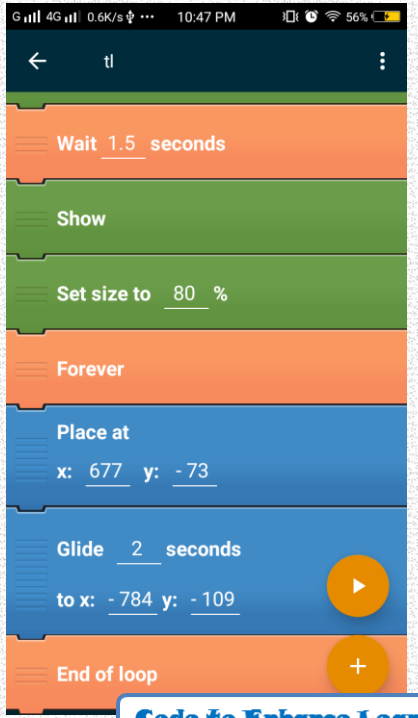
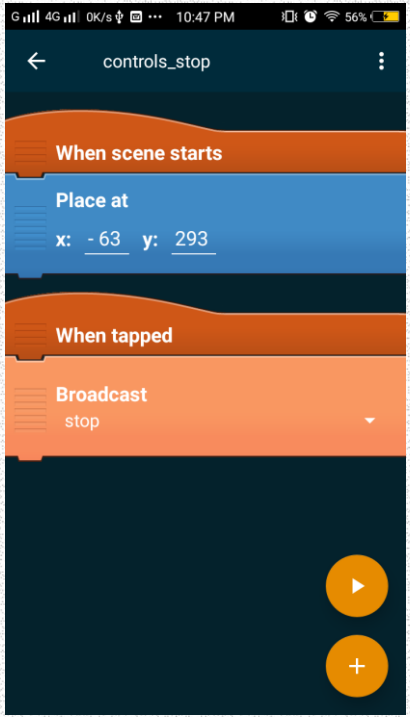
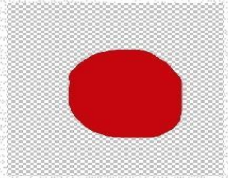


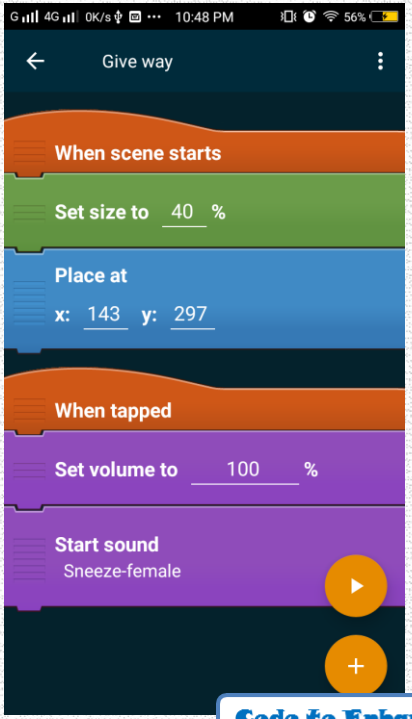
Code to Enhance Learning

My Car: (Teacher Models)

Let’s make the project and write codes for the sprites…







Code to Enhance Learning

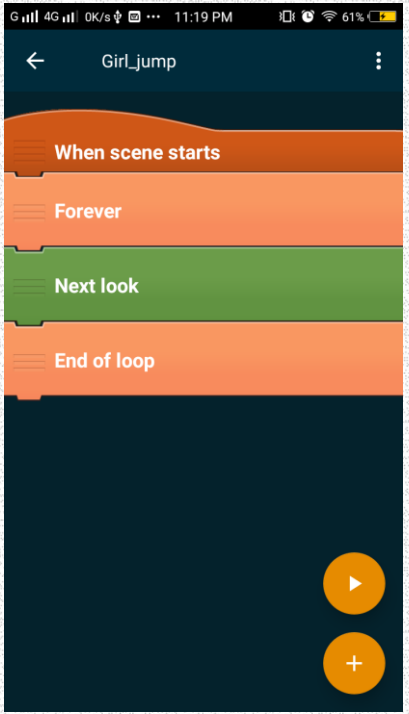
Quiz:

1. What is Loops?

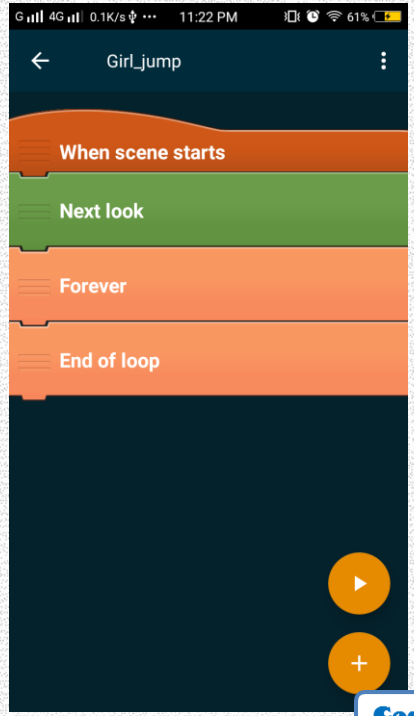
Quiz:

2. In a application we want to show the girl as jumping. Which of the following code do you think is correct?

A



B



Closing:

- What did we do today?
- What is one thing that you liked in the class the most?
- What did you learn?

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Website: www.codetoenhancelearning.org