

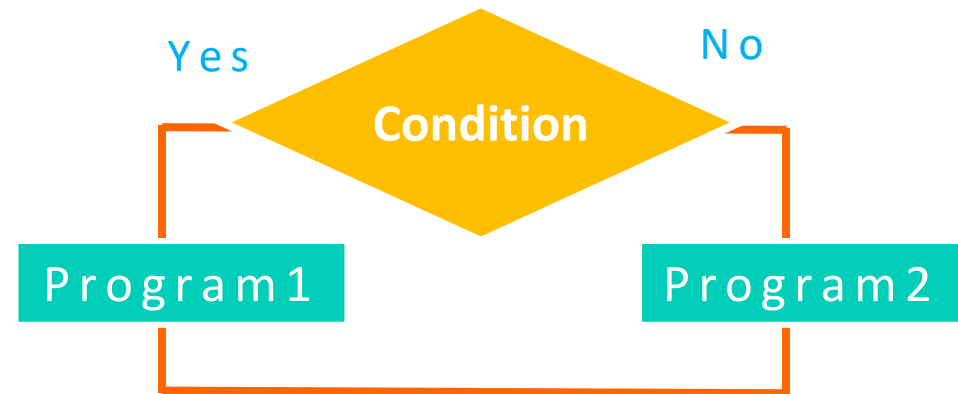
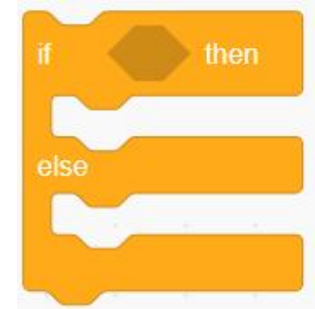


Course Review

1. Branching structure

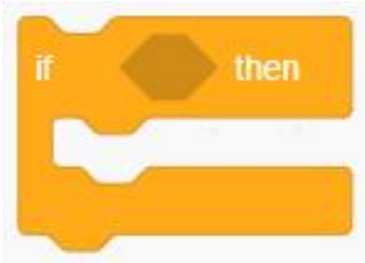
Branching structure: Choose different execution paths based on different conditions.

The "If-Then-Else" module can implement different program selections based on conditional statements.

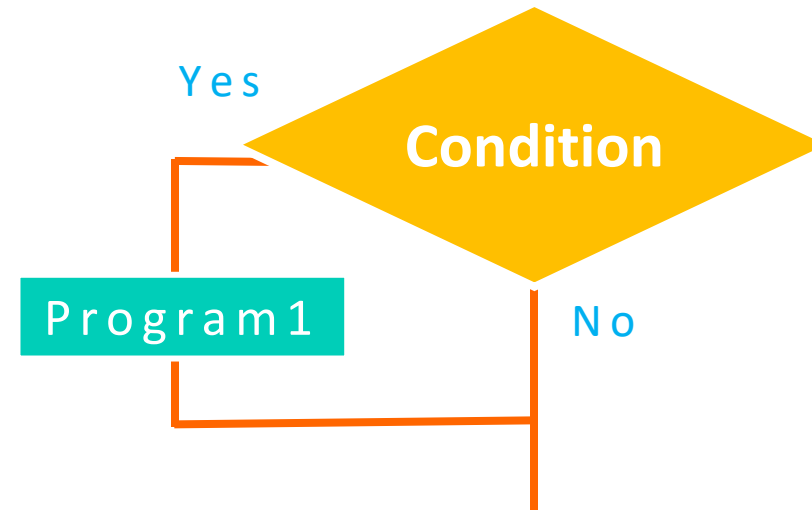
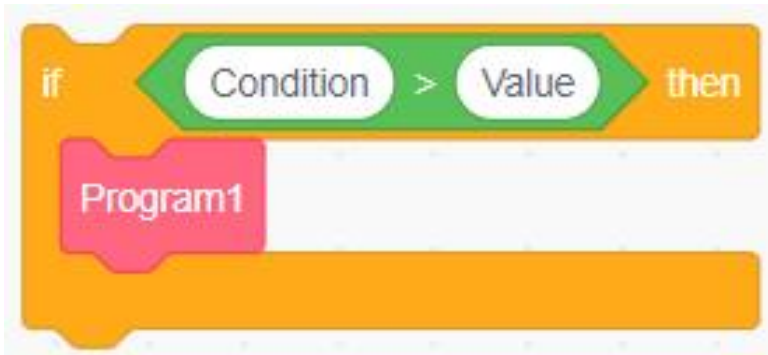




Course Review



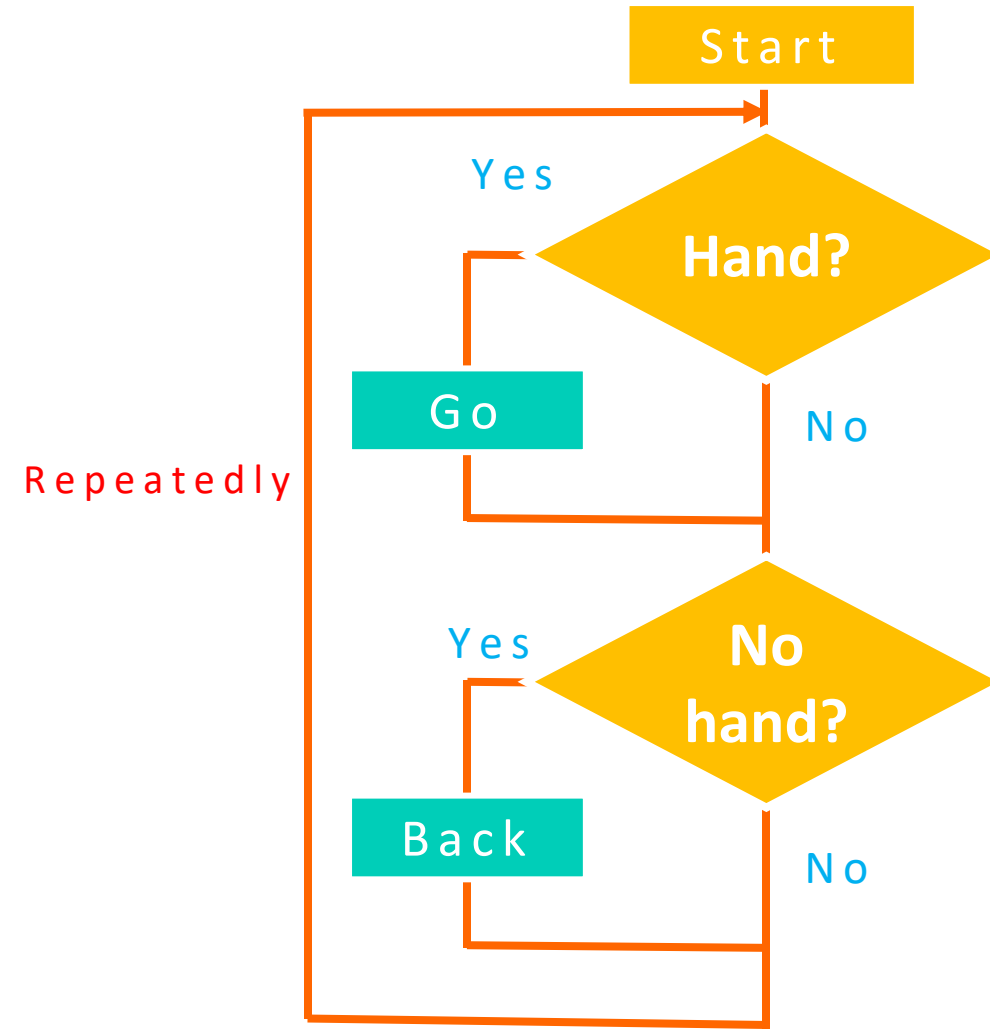
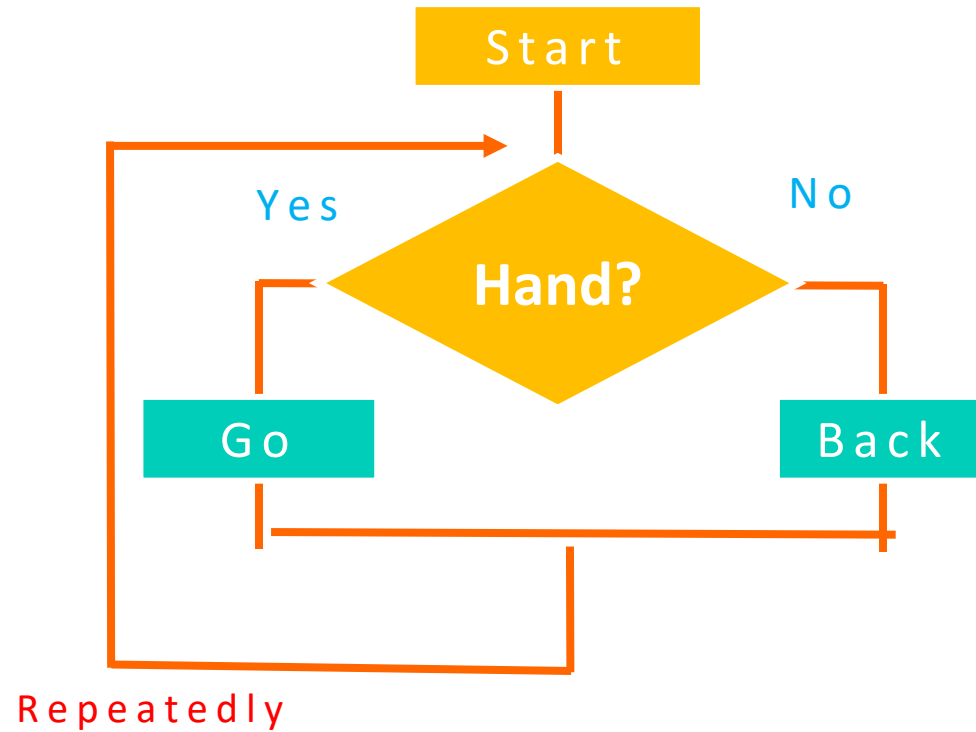
The "If-Then" model can implement actions that execute the program if certain conditions are met, and do not execute if they are not met.





Course Review

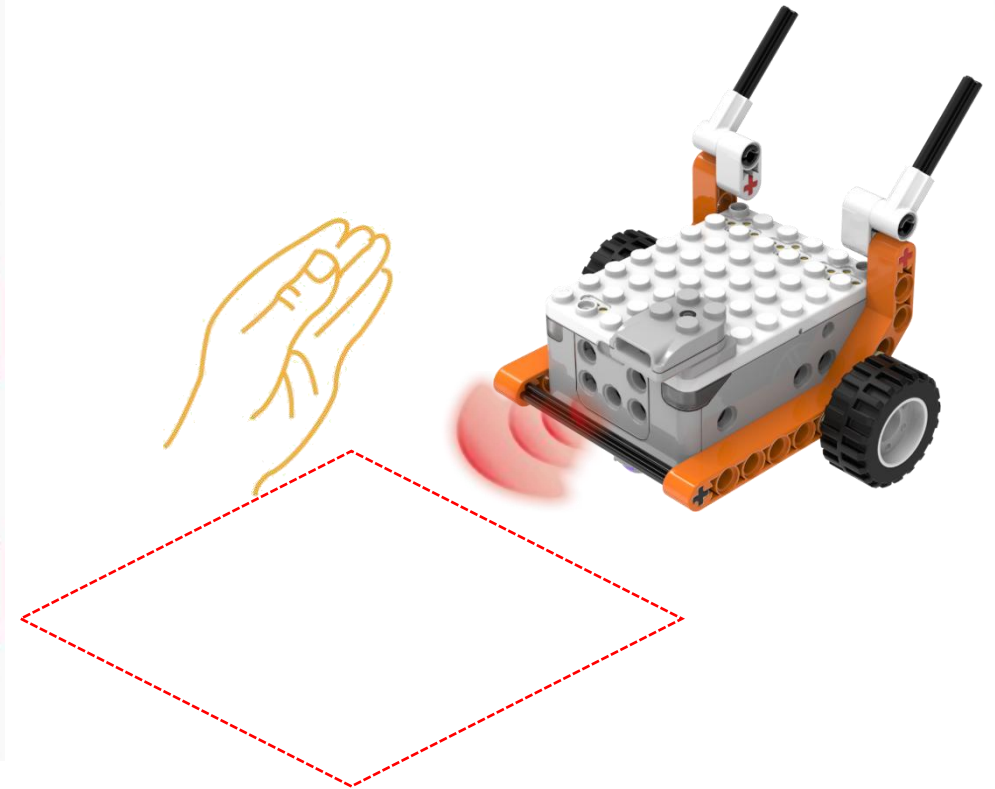
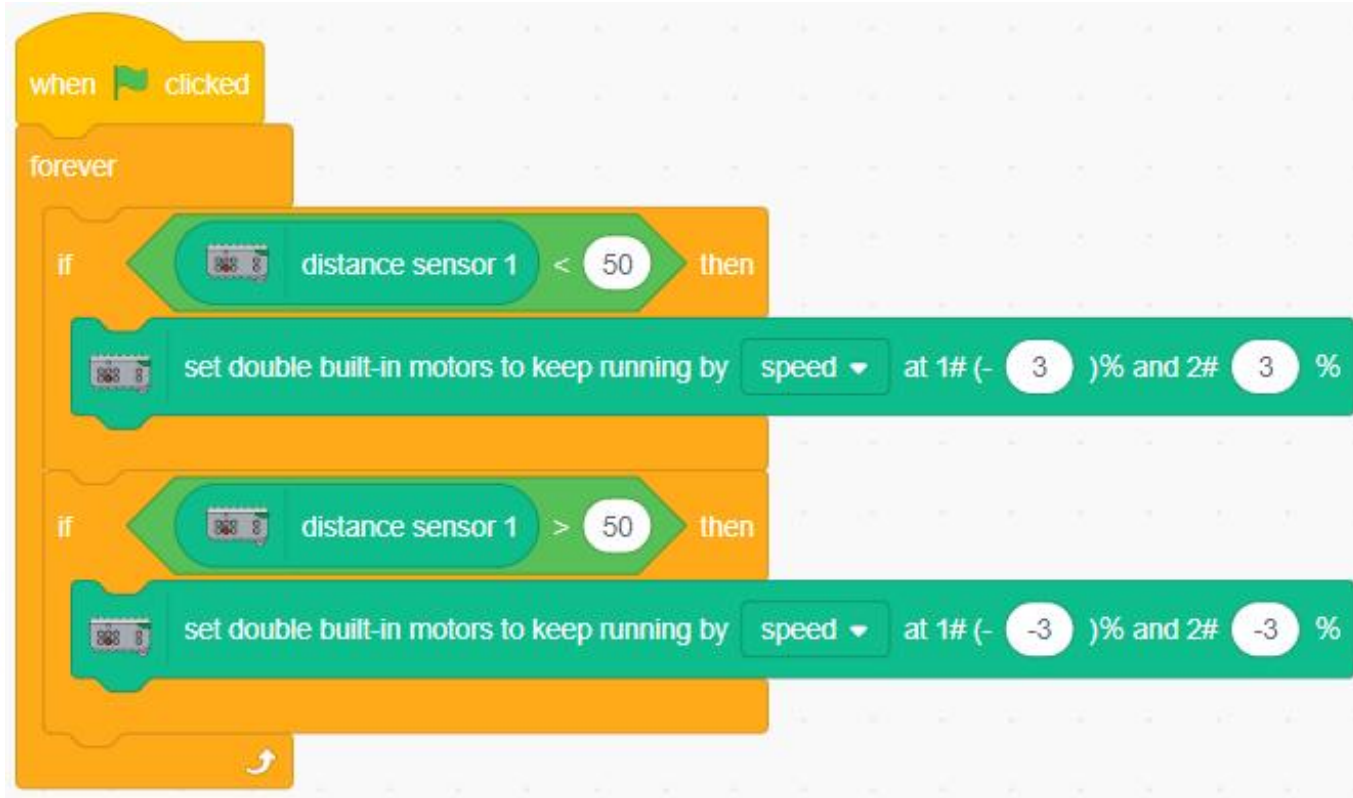
2. Program Explanation





Course Review

3. Finish the task



Please use your own kit.

Do not put any parts in your mouth.

Please clean up after use.

Please raise your hand if you have any questions.



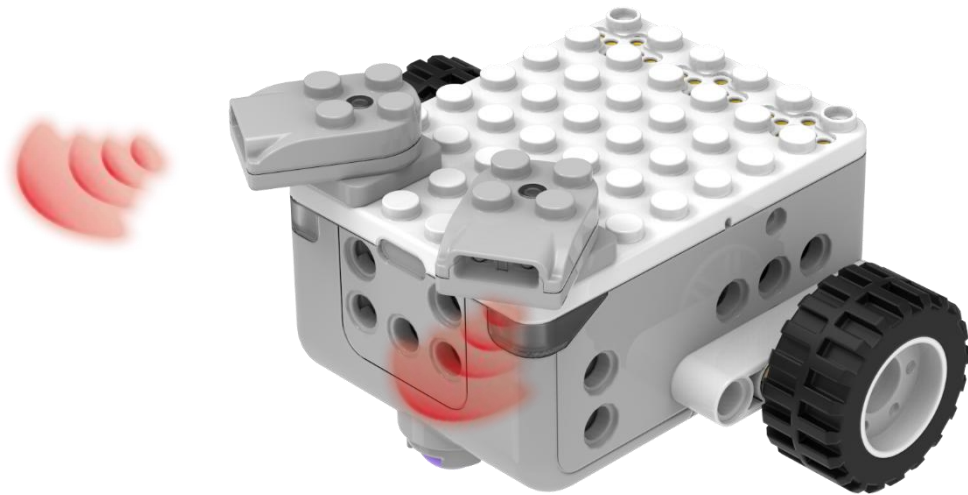
INTRODUCTION





Scenarios

In the last lesson, we implemented gesture control for the car to move forward and backward (and stop). However, a regular racing car has four functions: moving forward, turning left, turning right, and stopping. We can program the car to incorporate these four functions.



Kids:

How many sensors are needed to achieve the four functions?

How can we implement four different actions through programming?

Let's embark on our exploration journey with "gesture-controlled racing"!

Gesture-Controlled Racing

AI Courses

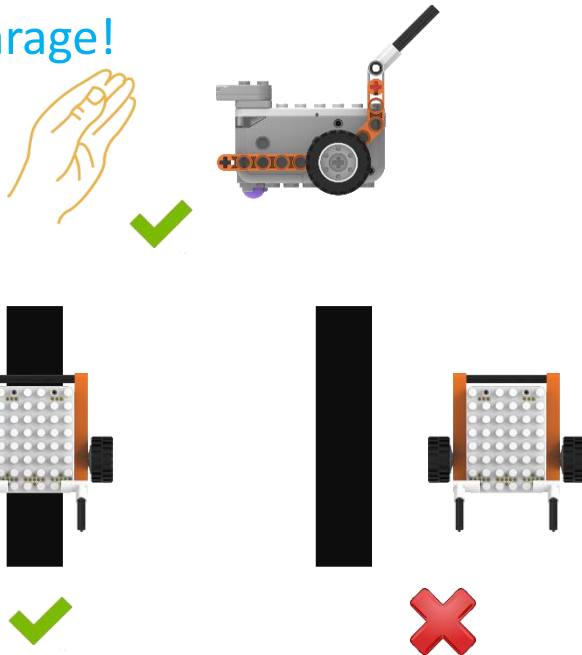




Scenarios

Competition rules:

1. The contestant's car starts from the starting point and reaches the finish line through gesture control.
2. Let's see who can control the car to stop in the garage!





Scenarios

Question:

Kids, do you know:

How many sensors are needed to achieve the four functions?

How can we implement four different actions through programming?

