# BENGBENG - race form

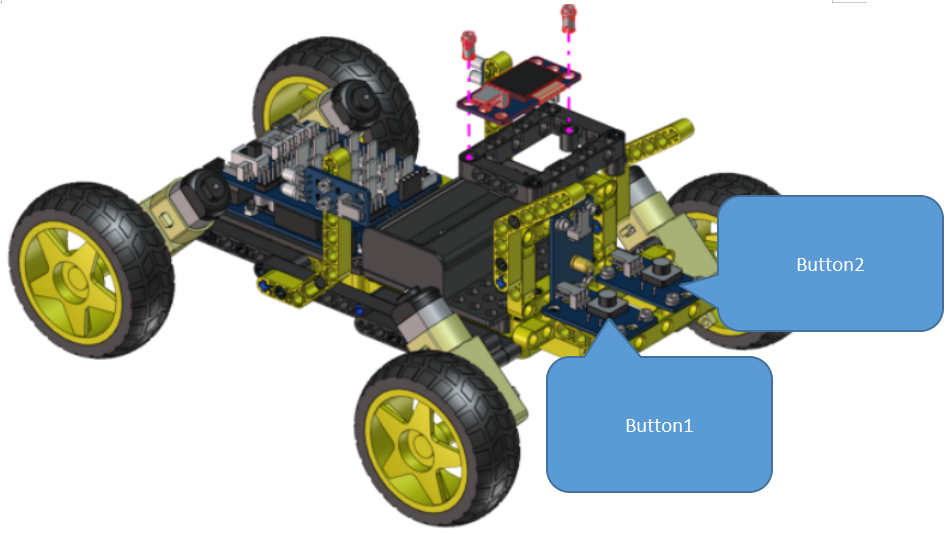
Write a program to integrate all the main functions of BENGBENG. Similar to the programming thinking in Lesson 6, OLED displays the function menu, button selects a function, and switch a function. Realize a program that can play all the functions.

## Install BENGBENG - race form

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### **Multi-function vehicle**

**（1）Program idea**



OLED screen displays function menu

Click button 2 to select a function

Long press button 2 to enter the selected function

Click button 1 to execute the function

Press and hold button 2 to exit the function

1. **Example program**

The example program is large, please open the program to view as below.

|  |
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|  |

1. Experiment operation and phenomenon

OLED screen displays function menu

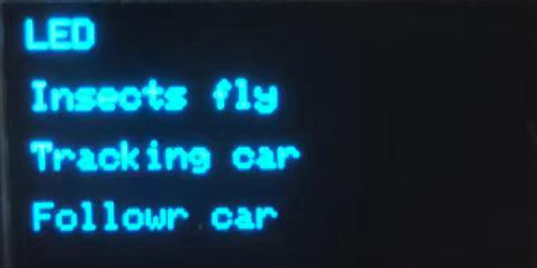
Click button 2 to select a function

Long press button 2 to enter the selected function

Click button 1 to execute the function

Press and hold button 2 to exit the function

Start menu



Function operation and phenomenon:

|  |  |  |
| --- | --- | --- |
| Click button 2 to select a function | Long press button 2 to enter the selected function | Operation and phenomenon |
|  |  | Click button 1 to turn on and off the LED. Long press button 2 to exit the function. |
|  |  | Click button 1 to play “Worms fly”, and long press button 2 to exit. |
|  |  | Click button 1 to open the tracking function, and long press button 2 to exit. |
|  |  | Click button 1 to open the following function, and long press button 2 to exit. |
|  |  | Click button 1 to open the obstacle avoidance function, and long press button 2 to exit. |