Trial tutorial of Intelligent Windmill

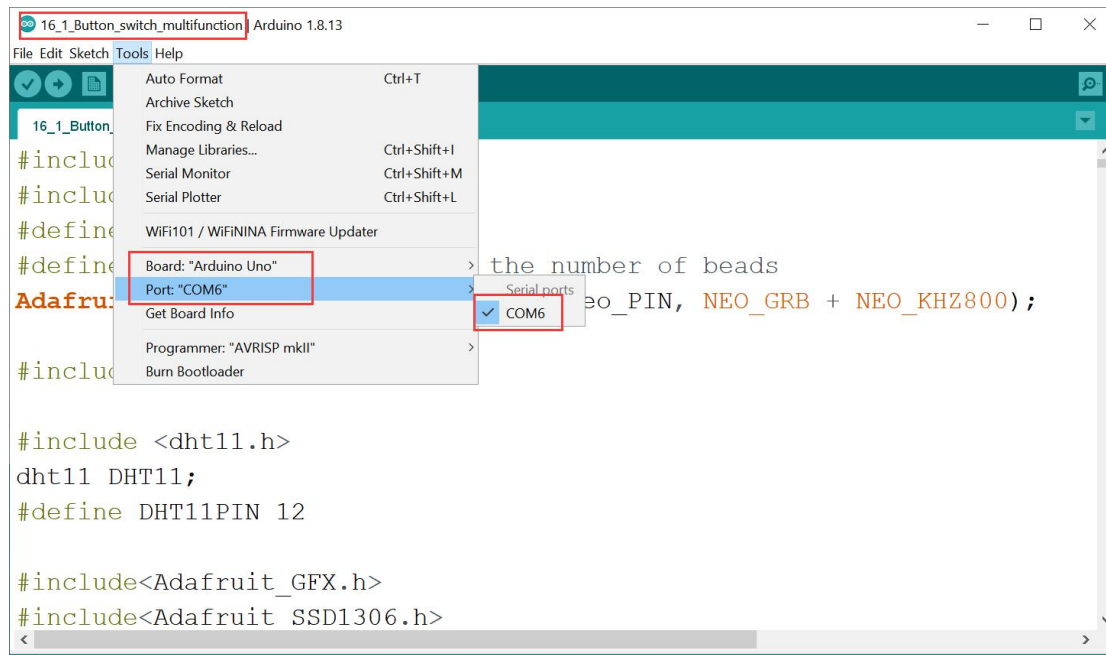## 1. Burn the code

The trial code is placed in the 2.2 trial tutorial folder.
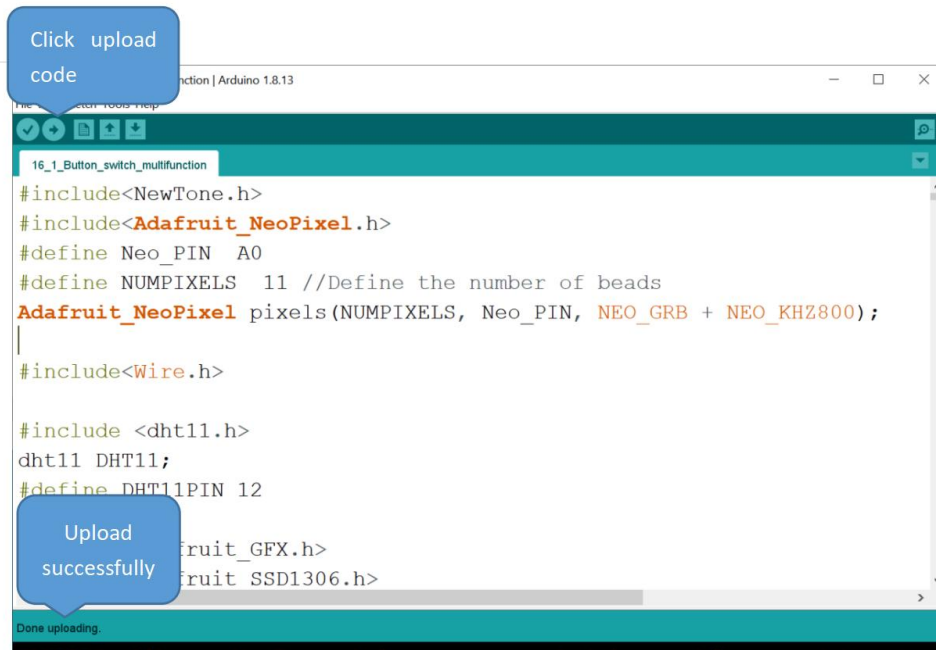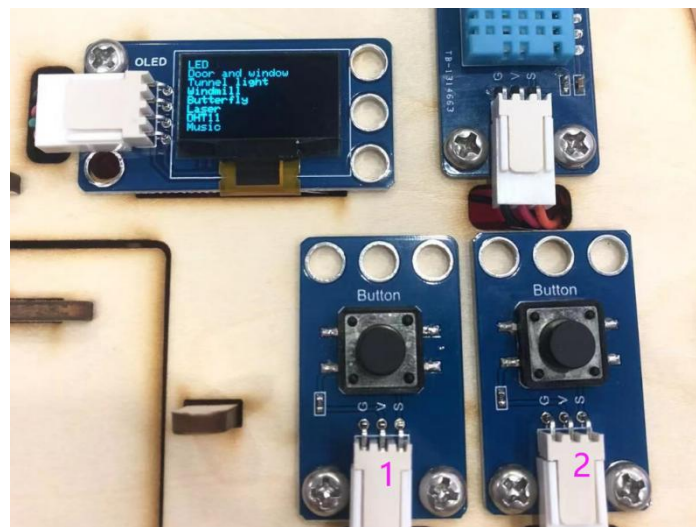

(1) Open the code, and use the data cable to connect the main board interface of Intelligent Windmill and USB interface of computer.

(2) Burn the trial code

Click upload code

Upload successfully
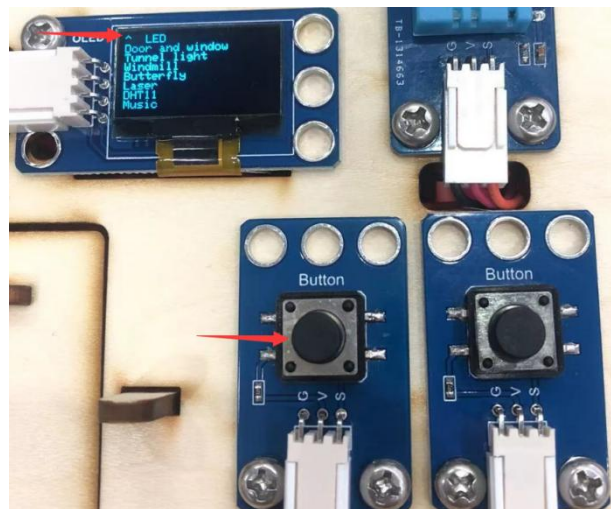
2. Trial steps

(1) Easy trial steps

- The OLED screen displays the names of 8 functions.
- Click button 1 slowly to select the function.
- Double click button 1 quickly to enter the function, and the screen will display the operation method of the corresponding function.
- Press and hold button 1 and then press button 2 to exit the current function.

(2) Detailed trial operation steps

① LED

Click button 1 slowly to choose the LED function. The "^"in front of "LED"means that

it is selected, as shown below.

Double click button 1 quickly to enter the function of controlling the LED. Click button 2 once, and LED comes on. Click button 1 once, and LED is off.

Press and hold button 1, and click button 2 immediately, the current function will be exited.

② Door and window

Click button 1 slowly to choose Door and window function.

Double click button 1 quickly to enter the function of controlling door and window.

Click button 2 once, and the door and window open. Click button 2 again, they close.
Press and hold button 1, and click button 2 immediately, the current function will be exited.

③ Tunnel light

Click button 1 slowly to choose Tunnel light function.

Double click button 1 quickly to enter the function of controlling tunnel light. Then click button 2 to change the color of it, as shown below.

Press and hold button 1, and click button 2 immediately, the current function will be exited.

④ Windmill

Click button 1 slowly to choose windmill function.

Double click button 1 quickly to enter windmill function. Then click button 2 to turn the windmill, and click button 1 to stop the windmill.

Press and hold button 1, and click button 2 immediately, the current function will be exited.

⑤ Butterfly

Click button 2 slowly to select butterfly function,as shown below.

Double click button 1 to enter the butterfly function, then click button 2, the butterfly will flutter its wings. Click button 1 to stop the butterfly.

Press and hold button 1, and click button 2 immediately, the current function will be exited.
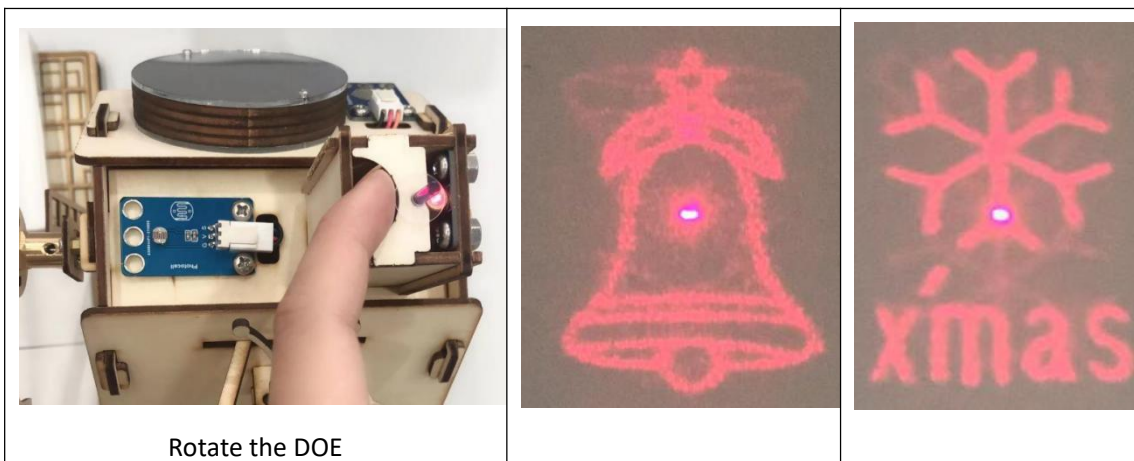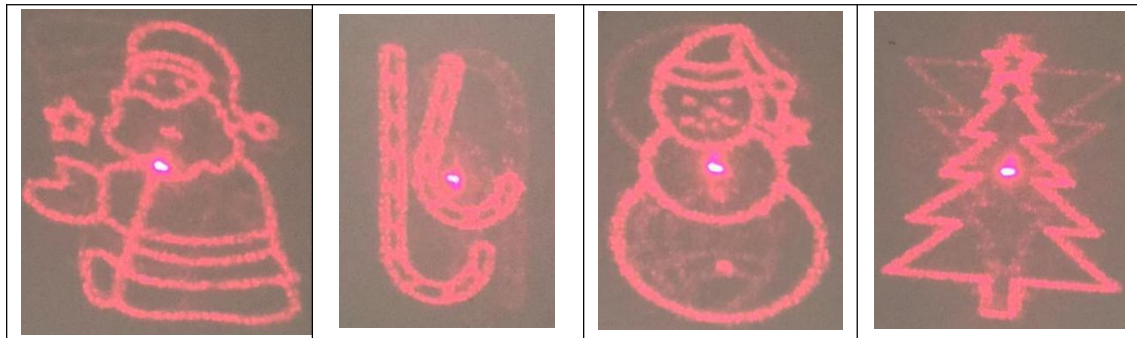
⑥ Laser

Laser projection function

Click button 1 slowly to select laser function.

Double click button 1 quickly to enter laser function. Click button 2 to turn on the laser,and then turn the DOE to switch the projected pattern.

Rotate the DOE

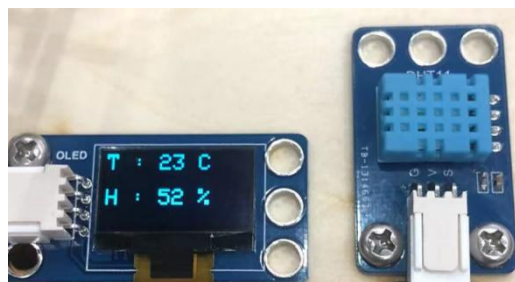**Press and hold button 1, and click button 2 immediately, the current function will be exited.**

⑦ DHT11

DHT11 temperature and humidity meter

Click button 1 slowly to select DHT11.

Double click button 1 to enter the DHT11 function, and then click button 2 to display the temperature and humidity values on the OLED screen.

Press and hold button 1, and click button 2 immediately, the current function will be exited.

⑧ Music

The buzzer plays Happy Birthday.

Click button 1 slowly to select Music function.

Then double click button 1 to enter the Music function, and click button 2 once to play Happy Birthday.

Press and hold button 1, and click button 2 immediately, the current function will be exited.