car-24-4

main.py

```python
def mae():
    basic.show_leds("""
        . . # . .
        . # # # .
        # . # . #
        . . # . .
        . . # . .
        """)
    pins.digital_write_pin(DigitalPin.P13, 1)
    pins.digital_write_pin(DigitalPin.P14, 0)
    pins.digital_write_pin(DigitalPin.P15, 1)
    pins.digital_write_pin(DigitalPin.P16, 0)
    basic.pause(1000)
    pins.digital_write_pin(DigitalPin.P13, 0)
    pins.digital_write_pin(DigitalPin.P14, 0)
    pins.digital_write_pin(DigitalPin.P15, 0)
    pins.digital_write_pin(DigitalPin.P16, 0)
    basic.pause(1000)
def stop():
    pins.digital_write_pin(DigitalPin.P13, 0)
    pins.digital_write_pin(DigitalPin.P14, 0)
    pins.digital_write_pin(DigitalPin.P14, 0)
    pins.digital_write_pin(DigitalPin.P14, 0)
    basic.show_leds("""
        . . . . .
        # # # # #
        . . . . .
        # # # # #
        . . . . .
        """)

def on_button_pressed_a():
    basic.show_number(1)
    music.play_tone(587, music.beat(BeatFraction.WHOLE))
    basic.pause(200)
    basic.show_number(2)
    music.play_tone(587, music.beat(BeatFraction.WHOLE))
```

```python
        basic.pause(200)
        basic.show_number(3)
        music.play_tone(784, music.beat(BeatFraction.DOUBLE))
        mae()
        basic.pause(1500)
        hidari()
        basic.pause(1500)
        migi()
        basic.pause(1500)
        usiro()
        basic.pause(1500)
        stop()
        basic.show_string("OK")
input.on_button_pressed(Button.A, on_button_pressed_a)


def hidari():
    basic.show_leds("""
        . . # . .
        . # . . .
        # # # # #
        . # . . .
        . . # . .
        """)
    pins.digital_write_pin(DigitalPin.P13, 1)
    pins.digital_write_pin(DigitalPin.P14, 0)
    pins.digital_write_pin(DigitalPin.P15, 0)
    pins.digital_write_pin(DigitalPin.P16, 0)
    basic.pause(500)
    pins.digital_write_pin(DigitalPin.P13, 0)
    pins.digital_write_pin(DigitalPin.P14, 0)
    pins.digital_write_pin(DigitalPin.P15, 0)
    pins.digital_write_pin(DigitalPin.P16, 0)
def usiro():
    basic.show_leds("""
        . . # . .
        . . # . .
        # . # . #
        . # # # .
        . . # . .
        """)
    pins.digital_write_pin(DigitalPin.P13, 0)
    pins.digital_write_pin(DigitalPin.P14, 1)
    pins.digital_write_pin(DigitalPin.P15, 0)
    pins.digital_write_pin(DigitalPin.P16, 1)
    basic.pause(1000)
    pins.digital_write_pin(DigitalPin.P13, 0)
```

```
        pins.digital_write_pin(DigitalPin.P14, 0)
        pins.digital_write_pin(DigitalPin.P15, 0)
        pins.digital_write_pin(DigitalPin.P16, 0)
        basic.pause(1000)
def migi():
    basic.show_leds("""
        . . # . .
        . . . # .
        # # # # #
        . . . # .
        . . # . .
        """)
    pins.digital_write_pin(DigitalPin.P13, 0)
    pins.digital_write_pin(DigitalPin.P14, 0)
    pins.digital_write_pin(DigitalPin.P15, 1)
    pins.digital_write_pin(DigitalPin.P16, 0)
    basic.pause(500)
    pins.digital_write_pin(DigitalPin.P13, 0)
    pins.digital_write_pin(DigitalPin.P14, 0)
    pins.digital_write_pin(DigitalPin.P15, 0)
    pins.digital_write_pin(DigitalPin.P16, 0)

def on_button_pressed_b():
    while pins.digital_read_pin(DigitalPin.P3) == 0:
        mae()
    usiro()
    migi()
    mae()
input.on_button_pressed(Button.B, on_button_pressed_b)

basic.show_string("START")
basic.show_string("A")
```

拡張機能

- bluetooth, *
- microphone, *