#include "mbed.h"

BusOut leds(LED1,LED2,LED3,LED4);

int main() {

 while (1) {

 leds=1;

 wait(0.5);

 leds=2;

 wait(0.5);

 leds=4;

 wait(0.5);

 leds=8;

 wait(0.5);

 }

}