

Lab 2

Code

```
    int LED[] = {4, 5, 6, 7};  
void setup() {  
    for(int i=0; i<4; i++){  
        pinMode(LED[i], OUTPUT);  
    }  
  
}  
  
void loop() {  
    for(int i=0; i<4; i++){  
        digitalWrite(LED[i], HIGH);  
        delay(1000);  
        digitalWrite(LED[i], LOW);  
        delay(1000);  
    }  
  
    delay(1000);  
    for(int i=3; i>=0; i--){  
        digitalWrite(LED[i], HIGH);  
        delay(1000);  
        digitalWrite(LED[i], LOW);  
        delay(1000);  
    }  
  
    delay(1000);  
}  
  
}
```

Circuit





