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# Ubiquitous Computing WS 24

Exercises Documentation

# Contents

<b>1</b>	<b>Exercise Introduction</b>	<b>1</b>
1.1	Exercise 0 . . . . .	1
	<b>References</b>	<b>1</b>

# List of Figures

# List of Tables

# Acronyms

# 1 Exercise Introduction

## 1.1 Exercise 0

The first exercise is quite forward and can be seen as a warm-up exercise. The goal is to get familiar with the tools and the environment and write a small program for a blinking LED (see following code).

---

```
1
2     const int ledPin =    LED_BUILTIN; // The onboard LED pin
3     const int delayTime = 1000;        // Delay time in milliseconds (1 second)
4
5     void setup() {
6         pinMode(ledPin, OUTPUT);
7     }
8
9     void loop() {
10         digitalWrite(ledPin, HIGH);    // Turn the LED on
11         delay(delayTime);
12
13         digitalWrite(ledPin, LOW);      // Turn the LED off
14         delay(delayTime);
15     }
```

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