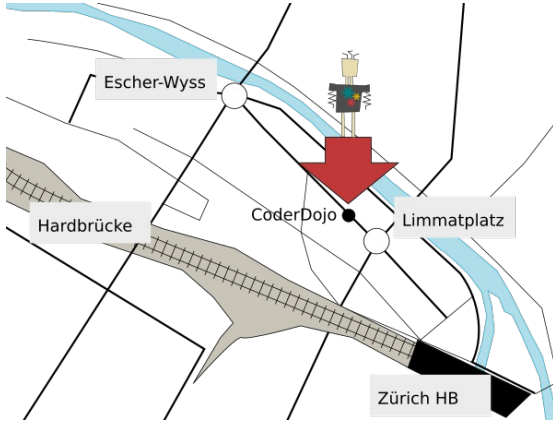CoderDojo ist ein freier Programmierklub für Kinder und Jugendliche zwischen 7 und 17 Jahren.

Das CoderDojo fördert das selbständige Lernen durch Projektarbeit, die gegenseitige Hilfe und die Erstellung von innovativen Projekten.
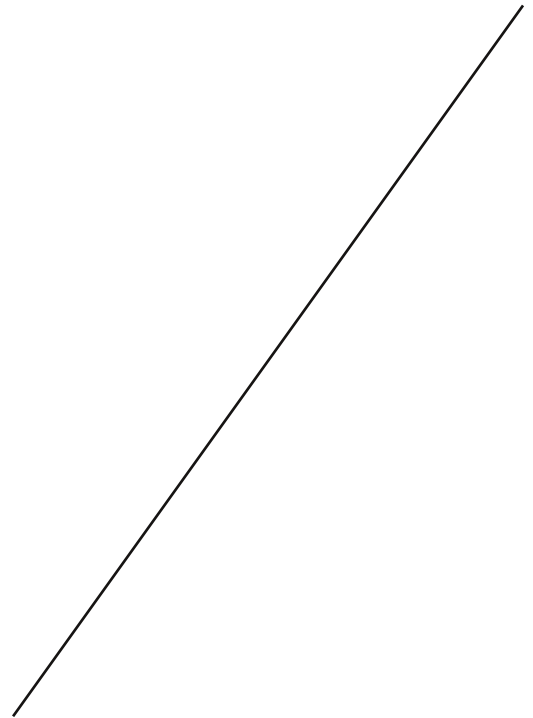
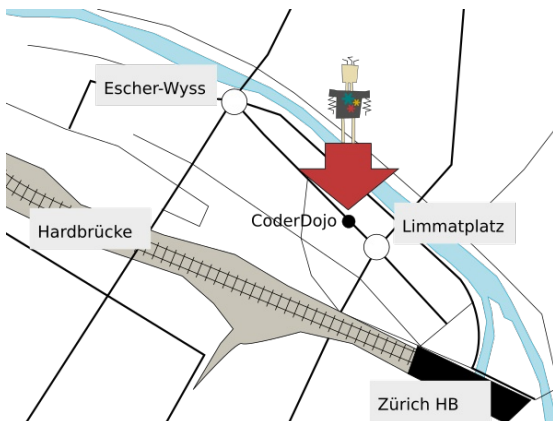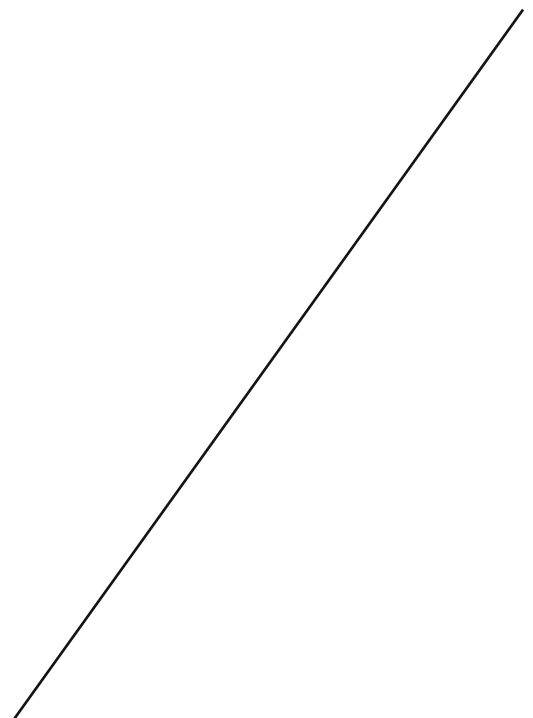Jeden Sonntag, 15:00 - 17:00 @ Liip

Limmatstrasse 183
8048 Zürich
http://coderdojozh.github.io/

Drawing lines

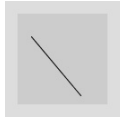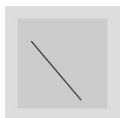Learn how to draw lines with processing.

Drawing lines

The code

```
line(15, 25, 70, 90);
```

Type the code and press the "Run" button.
▶

Processing will draw a black line from coordinate (15, 25) to (70, 90). The (0, 0) coordinate is the upper left-hand corner of the display window.

Try it out

You can change the size of the render window...

```
size(400, 400);
```

... or change the background colors...

```
background(192, 64, 0);
```
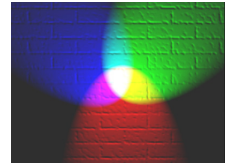
... or the line colors...

```
stroke(64, 0, 192);
```

Colors are defined as they red, green and blue components.
0 will and 255 the full color. You can try diffent combinations of r, g and b:
– (0, 0, 0) is black;
– (255, 255, 255) is white;
– (255, 0, 0) is red;
– (0, 255, 0) is green and
– (0, 0, 255) is blue.

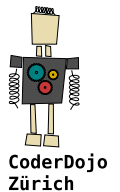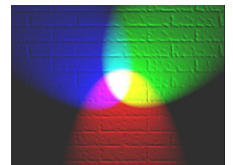Of course, you can also change the thickness of the line...

```
stroke(255);
line(150, 25, 270, 350);
```
and draw many lines!

CoderDojo Zürich