

MODULE 1: INTRODUCTION

Agenda:

1. Icebreakers (10-15 mins)
2. Instructor introduction and examples (5 mins)
3. Discussion: technology in our world (15 mins)
4. What we will learn in this course (5-10 mins)
5. More code art examples (20 mins)

Icebreakers

Instructor introduction and code art examples

Discussion: technology in our world

- What are examples of technology?
- What kinds of technology do you use every day?
- What can you use a computer for?
- Who uses computers? What kind of work do they do?
- Can computers be used to make art? Can you think of any examples?

What we will learn in this course

The first three modules, will be about exploring the computer and becoming more comfortable with how to use it.

Starting with Module 4, we'll begin to use computer programming to make drawings. We'll start with simple shapes and colors, then move on to creating drawings that we can interact with and change in real time. By the end, we'll be prepared to find new resources to learn even more about using computer programming to make art. Hopefully, we'll discover that the type of art we can make on a computer is only limited to our imagination.

More code art examples, live coding, and questions

The following are just a few examples of the types of art you can make with creative coding:

GIFs:

<http://bit.ly/2kOUPtG>

<http://bit.ly/2kagKYp>

<http://bit.ly/2ktt1TE>

By Dave Wythe

<http://bit.ly/2lqJGvA>

Yung Jake by Phillip Stearns

<http://bit.ly/2ktj6xH>

By Saskia Freeke

<http://bit.ly/2eHjLxh>

By Frédéric Vayssouze-Faure

Images:

<http://bit.ly/2lvfJX4>

<http://bit.ly/2kP2vVY>

<http://bit.ly/2lva4jA>

By Adam Ferriss

<http://bit.ly/2kaZBsH>

By Saskia Freeke

<http://bit.ly/2lqREot>

<http://bit.ly/2lvbpXF>

By Fotograffika

Fashion:

<https://www.youtube.com/watch?v=owHEaz9s7E8>

<http://www.continuumfashion.com/Ddress/> (interactive dress maker)

Videos:

<https://vimeo.com/11777813>

<https://vimeo.com/23281150> -music visualization

By Quayola

<http://bit.ly/2uPvdxv> -music visualization by radarboy3000

Games:

<http://flappybird.io/>

<http://patorjk.com/games/snake/>