Virtual 2022

CODE fest

College Pathways to Digital Careers

Welcome to Week 2

July 18, 2022

Digital Art

REMEMBER!!

Submit ALL of this week's challenges (or screen shots of them) to CODEfest@iechamilton.ca by Sunday, July 24 at noon for your chance to win **1 of 50 $10 Gift Cards** or the **GRAND PRIZE of up to $300 towards an online coding &/or technology related activity, camp, course or subscription** (subject to approval).

Have you wondered how digital ads, drawings, or animations are made? What about shows and special effects you see on TV? Digital Art is a range of artistic works and practices that use digital technology as part of the creative process. Some of the first digital art works were created in the 1960s and were also called computer art or multimedia art. Today, you may also hear it referred to as new media art.

Careers in digital art might be Visual, Graphic, or UX/UI Designer, Digital Artist, Marketing Specialist, or Animator. It continues to be a rapidly-growing but very competitive field to enter. You will want to make sure you have a fantastic portfolio as well as keep up-to-date on the various technologies. Salaries for this field can start around $46,000 yearly. The salary tends to jump about $5 an hour for every 2-3 years of experience, with 3D artists being well sought-after and experienced workers making up to $81,000 per year. If you can make digital art AND do programming, you'll find yourself on a higher pay scale.

There are many programs at Mohawk College that can help lead you to a career in Digital Art.

- Art & Design Foundations - 270 - 1 Year Certificate
- Advertising and Marketing Communications Management - 652 - 3 Year Advanced Diploma
- Animation 3D - 373 - 3 Year Advanced Diploma
- Broadcasting - Television and Communications Media - 651 - 3 Year Advanced Diploma
- Communications Media Practices - 266 - 1 Year Graduate Certificate
- Creative Arts Business - 387 - 1 Year Certificate
- Graphic Design - 508 - 3 Year Advanced Diploma
- Multimedia Storytelling - 388 - 1 Year Graduate Certificate
- Photography - Still and Motion - 378—2 Year Diploma
- Pre-Media and Entertainment - 1 Year Certificate
- Virtual Reality Multimedia Production - 656 - 1 Year Graduate Certificate

Watch videos about programs at Mohawk College, and student digital creations:

- Advertising & Marketing Communications Management Program
- Animation by Lavio Ribeiro Fidelis Neto
- Animation Program - a CHCH TV interview with Mohawk College Professors
- Graphic Design by Sarah Bullard
- What You'll Love - Broadcasting – Television and Communications Media

CODEfest is proudly sponsored and supported by:

Dual Credit School College Work Initiative · HCC Hamilton Code Clubs · Hamilton-Wentworth Catholic District School Board · HWDSB · IEC · Mohawk College · Hamilton Community Foundation · Software Hamilton

Virtual 2022

CODEfest College Pathways to Digital Careers

Week 2 Challenge
July 18, 2022
Digital Art

REMEMBER!!

Submit ALL of this week's challenges (or screen shots of them) to CODEfest@iechamilton.ca by Sunday, July 24 at noon for your chance to win **1 of 50 $10 Gift Cards** or the **GRAND PRIZE of up to $300 towards an online coding &/or technology related activity, camp, course or subscription** (subject to approval).

Challenge!

This week, we are heading to Tynker and Hour of Code's Spin Draw tutorial. We will also be exploring CodeHS Editor's video tutorial Creating Graphics with Tracy, followed by your creativity in the Editor!

To be entered to win one of the prizes this week, you will need to complete and submit the following:

- Spin Draw Tutorial
  - Share screenshots of each of the three steps as shown below on page 3).
  - Share you very own one-of-a-kind creation.
- Creating Graphics with Tracy Tutorial
  - Be creative and use letters of your choosing.
  - Share screenshots of the code and image for your:
    - First Letter
    - Bubble Letter
    - Coloured Letter
    - Fancy Letter
    - Try your name! (Your choice of style)

Tips:

- Find our example challenges and projects on the next few pages.
- BE CREATIVE!!
- Remember to send the save file from your completed works via email to submit for prizes!
- If you are struggling, CODEfest Camp Mentors can help! Email CODEfest@iechamilton.ca.

Send your completed exercises to CODEfest@iechamilton.ca.
Make sure you include your full name!
Prize winners will be contacted next week via information provided at registration.

If you are interested in exploring Digital Art with Code further,
follow these links:
Pixar in a Box, Screen Saver, Animated Logo, and Design Your Own Typeface

CODEfest is proudly sponsored and supported by:

Dual Credit School College Work Initiative · HCC Hamilton Code Clubs · Hamilton-Wentworth Catholic District School Board · HWDSB · IEC · Mohawk College · Hamilton Community Foundation · Software Hamilton

Virtual 2022

CODE fest
College Pathways to Digital Careers

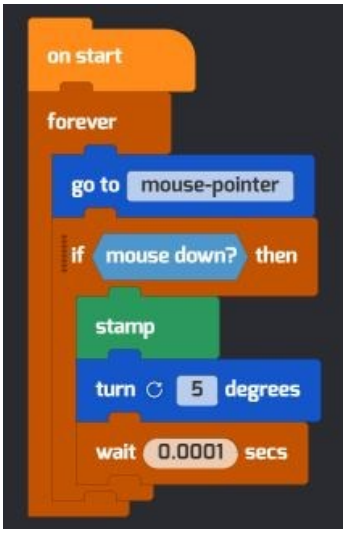
Week 2 Challenge
July 18, 2022
Digital Art

REMEMBER!!

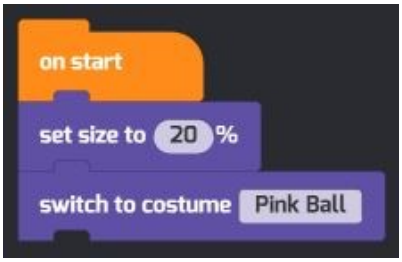
Submit ALL of this week's challenges (or screen shots of them) to CODEfest@iechamilton.ca by Sunday, July 24 at noon for your chance to win **1 of 50 $10 Gift Cards** or the **GRAND PRIZE of up to $300 towards an online coding &/or technology related activity, camp, course or subscription** (subject to approval).

Challenge 1- Spin Draw:

Step 1:

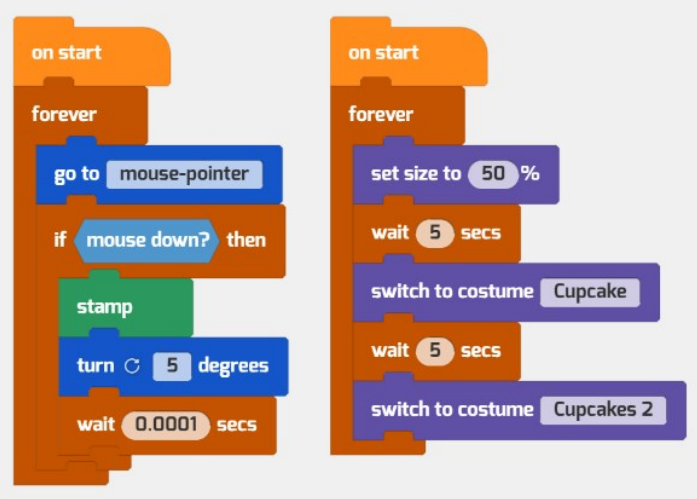


Step 2:



Step 3:

Step 4: One-of-a-Kind Creation



CODEfest is proudly sponsored and supported by:

Dual Credit School College Work Initiative · HCC Hamilton Code Clubs · Hamilton-Wentworth Catholic District School Board · HWDSB · IEC · Mohawk College · Hamilton Community Foundation · Software Hamilton

Virtual 2022

CODE fest
College Pathways to Digital Careers

Week 2 Challenge
July 18, 2022
Digital Art

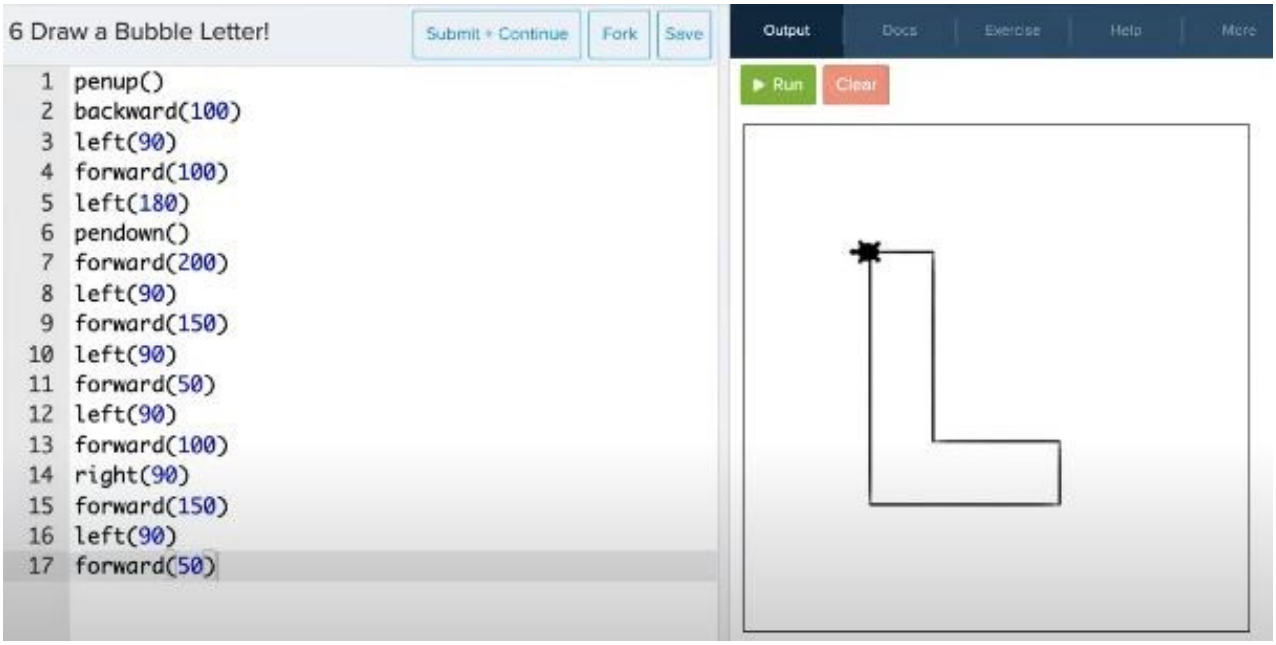
REMEMBER!!

Submit ALL of this week's challenges (or screen shots of them) to CODEfest@iechamilton.ca by Sunday, July 24 at noon for your chance to win **1 of 50 $10 Gift Cards** or the **GRAND PRIZE of up to $300 towards an online coding &/or technology related activity, camp, course or subscription** (subject to approval).

Challenge 2: Creating Graphics with Tracy

First Letter:

Bubble Letter:



CODEfest is proudly sponsored and supported by:

Dual Credit School College Work Initiative · HCC Hamilton Code Clubs · Hamilton-Wentworth Catholic District School Board · HWDSB · IEC · Mohawk College · Hamilton Community Foundation · Software Hamilton

Virtual 2022

CODE fest
College Pathways to Digital Careers

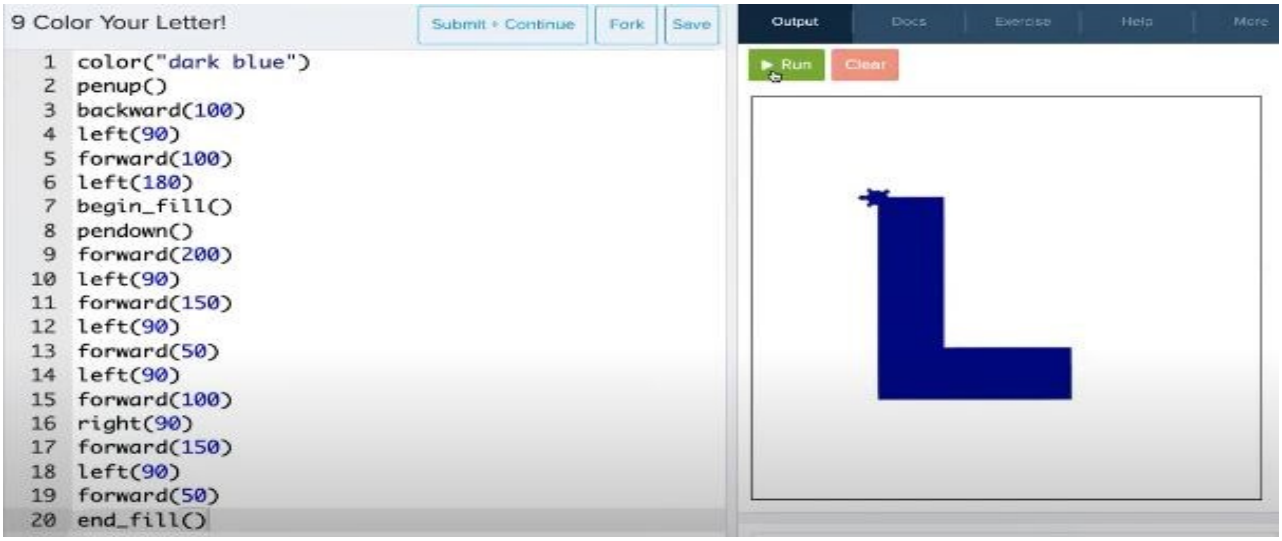
Week 2 Challenge
July 18, 2022
Digital Art

REMEMBER!!

Submit ALL of this week's challenges (or screen shots of them) to CODEfest@iechamilton.ca by Sunday, July 24 at noon for your chance to win **1 of 50 $10 Gift Cards** or the **GRAND PRIZE of up to $300 towards an online coding &/or technology related activity, camp, course or subscription** (subject to approval).

Challenge 2 cont'd: Creating Graphics with Tracy

Coloured Letter:



Fancy Letter:

CODEfest is proudly sponsored and supported by:

Dual Credit School College Work Initiative · HCC Hamilton Code Clubs · Hamilton-Wentworth Catholic District School Board · HWDSB · IEC · Mohawk College · Hamilton Community Foundation · Software Hamilton