

Episode 1: 25th March 2020



Random activity generator

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Episode 2: 1st April 2020



Quiz Time

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Episode 3: 8th April 2020



Abstract Art Cartoon Graphics

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Episode 4: 15th April 2020



Rainbow Iteration

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Episode 5: 22nd April 2020



Old McDonald had a CowPy

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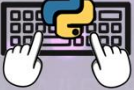
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Episode 6: 29th April 2020



Iteration Firework Display

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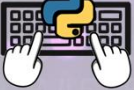
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Episode 7: 6th May 2020



Tkinter GUIs: Magic Button

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Episode 8: 13th May 2020

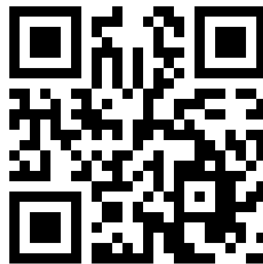


PyGameZero: Making Games

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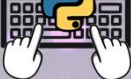
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Episode 9: 20th May 2020



Pixel art and Images

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Episode 10: 27th May 2020



Micro:bit animations

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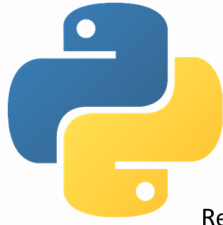
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Episode 11: 3rd June 2020



Random Story Generator

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Episode 12: 10th June 2020



Logging in with password hashes

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Episode 13: 17th June 2020



Encryption with Caesar Ciphers

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Episode 14: 24th June 2020



Robotics with a Raspberry Pi

No hardware required 😊

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Episode 15: 1st July 2020



Writing to files

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Episode 16: 8th July 2020



Reading from files

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Episode 17: 15th July 2020



Validation

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Episode 18: Y10-01-CT1



Arithmetic Operators

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Episode 19: Y10-01-CT2



Sequence

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Episode 20: Anti Bullying Week



Repetition and Iteration

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Episode 21: Y10-01-CT3



Data Types

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Episode 22: File Handling



Secret Santa

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Episode 23: Y10-02-CT7



String Manipulation: Palindromes

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Episode 24: Y10-02-CT7



String Manipulation: Christmas Countdown

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Episode 25: Y10-02-CT13



Lists: Moon Craters

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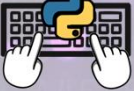
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Episode 26: Y10-02-CT14



Iteration: For loops

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Episode 27: Y10-02-CT15



Procedures and parameters

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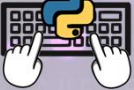
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Episode 28: Y10-03-CT16



Functions and return values

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Episode 29: Lists



National Storytelling Week

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Episode 30: Safer Internet Day



Files, Lists and Sub programs

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Episode 31: String Formatting



Frequency Analysis

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Episode 32: 2D Lists



World Maths Day

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Episode 33: Validation



Mother's Day Flowers

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Episode 34: Comic Relief



Red Nose Day Animation

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`{create.withcode.uk}`

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For an overview of how to use the remote learning activities: <https://youtu.be/WQFSTIzAJsI>