

Extension Activities

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- [Writing words](#)
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Below are are number of tutorials that you can use to expand your understanding of Python using Turtle.

Writing words

Unrated

- [Turtle Graphics: Make the turtle write your name and much more.](#)

Creating Shapes

Difficulty 2

- [Three Overlapping Circles with Python and Turtle \(Tutorial\)](#)
- [Tutorial: How to Draw Football Shape with Python Turtle](#)
- [Tutorial: Rounded Rectangle or Square with Python Turtle](#)
- [Tutorial: Drawing a Flower Petal or a Leaf with Python Turtle](#)
- [Tutorial: Drawing Crescent Moon with Python Turtle](#)
- [Tutorial: Drawing Ovals with Python Turtle](#)

Difficulty 3

- [Tutorial: How to Draw a Simple Heart Shape with Python and Turtle](#)
- [Tutorial: Drawing Egg Shape with Python Turtle](#)

Difficulty 4

- [Tutorial: Drawing Oval with Given Center in Python Turtle](#)

Difficulty 5

- [Tutorial: Rounding Any Corner with Python Turtle](#)

Difficulty 6

- [6-Line Snowflake Fractal with Python and Turtle \(Tutorial and Source Code\)](#)
- [Tutorial: Gradually Lighting Up Animation with Python Turtle](#)

Difficulty 7

- [Star Fractal with Python and Turtle \(Tutorial and Source Code\)](#)
- [Tutorial: Gradually Lighting Up and Moving](#)

Difficulty 8

- [Tutorial: Drawing Random Mountain Curves with Python Turtle](#)

Difficulty 9

- [Tutorial: Conway's Game of Life with Python Turtle](#)
- [Tutorial: Drawing Clouds with Python Turtle](#)
- [Tutorial: Word Search Generator with Python Turtle](#)
- [Tutorial: Animating Fireflies with Python Turtle](#)

Difficulty 10

- [Tutorial: Random Island Generator with Python Turtle](#)
- [Tutorial: Simulating Synchronous Fireflies with Python Turtle](#)

Game Design

Unrated

- [Introduction To Game Building With Python's Turtle Module](#)
- [Create a Simple Two Player Game using Turtle in Python](#)

Difficulty 5

- [Chaos Game – Sierpinski Triangle with Python Turtle \(with Solution\)](#)

Difficulty 6

- [Restricted Square Chaos Game 1](#)
- [Restricted Square Chaos Game 2](#)

Difficulty 7

- [Connect 4 with Python Turtle \(Source Code Included\)](#)
- [Chase the Cyclor Simulation \(with Source Code\)](#)
- [Drawing Sierpinski Pentagon with Chaos Game and Python Turtle \(with Solution\)](#)
- [Drawing Sierpinski Carpet with Chaos Game \(with Solution\)](#)
- [Restricted Polygon Chaos Game 2 with Python Turtle](#)

Difficulty 8

- [Game of SIM with Python Turtle \(Source Code Included\)](#)
- [Drawing Barnsley's Fern with Chaos Game \(Solution Included\)](#)

Difficulty 10

- [Automatic Wordle Solver with Python and Turtle \(Source Code Included\)](#)
- [Typing Game with Python and Turtle \(Source Code Included\)](#)
- [Tower of Hanoi with Python Turtle \(Source Code Included\)](#)

Difficulty 10+

- [AI Tic-Tac-Toe with Minimax Tree \(Source Code Included\)](#)
- [24 Game Solver with Python Turtle \(Source Code Included\)](#)
- [Asteroids Game with Python Turtle](#)

