

CoderDojo Athenry

Python/Pygame



Today's Challenge: Prepare to Earn A New Belt!



Belts!



Can Earn White, Yellow or Blue

White: Commitment & Basic Skill



Attend at least 5 sessions

+ Know how to get started with Python

Sign in each week!

Can Earn White, Yellow or Blue

Yellow Belt: Competent Python Coder



1. Qualify for a White Belt

2. Show a basic understanding of Python

Open a program and show you understand some of the following Variables, Loops, Decisions, Functions, Lists and Modules

Can Earn White, Yellow or Blue

Green Belt: Skilled Python/Pygame Coder



1. **Create** a program with either Python or Pygame
2. **Python** must have variables, loops and decisions, lists, functions
3. **Pygame** must have user created sprites, variables, loops and decisions and lists
4. **Must be all your own work**

Procedure for Earning Belts

A mentor will chat with you

Show us your code: old or new

Explain what you did and how you did it

Tell us which code is new and

which is reused from other people's work

Earning a Belt

Learn skills each week

Put skills into practice

Get recognition: belts awarded by mentors

Applying for a Belt

Decide what belt level you want to go for

Attend the full session on the Belt Awards Day

Be prepared

Fairness

- Nobody has a right to a belt: it must be earned
- We will help you get there
 - The whole Dojo - mentors, parents, all members
 - We will give you feedback for next time if you did not make it
- We will be clear about what is required to get to the next belt level

Belts & Levels

We are following agreed CoderDojo standards

White belts for commitment & basic skills

Yellow belts for competence in a specific coding discipline

Higher belts for higher level skills in a specific discipline

You have to earn a lower belt before moving to a higher one

When you start a new coding discipline, have to go back to start in applying for a belt

What if I Don't Get a Belt?

If you can't participate, or it doesn't go well for you, **don't worry!**

We will have another belt awarding session in the coming months

Ask Your Questions!

