OOP via Python Session 05 Recap

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X-Ray Vision

- We defined this as the art of identifying latent objects and their methods in procedural code

    - The hallmark of procedural code is that data is passive

    - where procedures/functions create, interrogate and update data

    - and data is typically held in generic containers (tuples, lists, maps)

- OOP reorganises code so that data is grouped into custom classes and the code that operates on it are grouped into methods of those classes

Opportunities

- Identify generic types that are potentially better as custom classes

    - then extract the construction and convert into a constructor

- Identify buddy variables and gather to create custom classes

    - then extract functions that operate on those buddy variables and convert into methods

Other Opportunities

- Collate function parameters into parameter-objects

- Converting switches into method dispatch

- Convert entire functions into objects + series of calls