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## Unit 5: Applying a UML Model to a Program Implementation: UML in Practice

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### Required Reading

Lambert, K. A. & Osborne, M. (2010) Fundamentals of Python: From First Programs through Data Structures.

Chapter 2.

Åkerblom, B. & Wrigstad, T. (2015) Measuring polymorphism in python programs. In Proceedings of the 11th Symposium on Dynamic Languages (DLS 2015). Association for Computing Machinery. New York, NY, USA. 114–128. DOI: 10.1145/2816707.2816717

### Additional Reading

Docs.python.org (n.d) 5. Data Structures.

Docs.python.org b(n.d) abc – Abstract Base Class.

Murphy, W. (2020) Implementing an Interface in Python. Real Python.

Van Rossum, G. & Talin (2007) PEP 3119 – Introducing Abstract Base Classes. Python Enhancement Proposals.

Hjelle, G. A. (2018) Primer on Python Decorators. Real Python.

Python Packaging () 6. Automatically building and testing your code: continuous integration.

Martin Fowler (2020) On Pair Programming.