15.003 Fall 2023

Introduction to Python Workshop

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1. Overview: <https://colab.research.google.com/drive/1nUnQy5GpbpNcePX33z2l2Ll0qauH_weN?usp=sharing>
2. Control flow:  
   <https://colab.research.google.com/drive/1WywyFIHXUWdL3b0e2mvQIIZ7Q3IcRKKg?usp=sharing>  
   Control flow (student):  
   <https://colab.research.google.com/drive/1l12DIVR1EKUqAgzz0Q3JGYaqt8lJzSQN#scrollTo=c7jBbKVVBsRW>
3. Reading from / writing to files:  
   <https://colab.research.google.com/drive/1a6TGNHMB4Uu-T2oKcocQ2t-omkiv-FpJ?usp=sharing>  
   Wordle words:   
   <https://gist.github.com/slushman/34e60d6bc479ac8fc698df8c226e4264>
4. More data structures:  
   <https://colab.research.google.com/drive/18Sa2QrmdiLBOCqMdg1TNOa2ryoLEYNMW?usp=sharing>
5. Exercise:  
   <https://colab.research.google.com/drive/1T6AwK2rWCE6h_iaBkE4hOoCmLOtjxrp1?usp=sharing>  
   Exercise (student):  
   <https://colab.research.google.com/drive/1HA8E4bSfOFMhbTxItWZLMnpPLDR_Y8UM?usp=sharing>
6. A NumPy Primer:  
   <https://colab.research.google.com/drive/1owZ2x3wmXYgsUeFl7pH5yAbmVoLGeWA3?usp=sharing>
7. DataFrames with Pandas:  
   <https://colab.research.google.com/drive/1ipzuq-FbZU3JsPmOm-KWZckXcw9wUKEt?usp=sharing>  
   Data from:

<https://github.com/stefmolin/pandas-workshop/tree/main/data>