Notes on Chapter 7 - Exceptions and Assertions

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A curated list of important points for my reference.

1. Objects are the core things that Python programs manipulate. Every object has a type that defines the kinds of things that programs can do with that object.

2. An **Abstract Data type** is a set of objects and the operations on those objects.

3. The two powerful mechanisms for managing the complexity of programming are

   - Decomposition $\rightarrow$ Creates the structure of the program
   - Abstraction $\rightarrow$ Suppresses the detail

4. One implements data abstractions using **classes**.

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*John V Guttag