

Session 6 : Basic Data Structures

Session Date : 07/07/2016

Topic Overview

Data organization with Lists, Tuples, and Dictionaries. Program flow with looping constructs.

Learning Objectives

By the end of the session, students will be able to:

- Organize data in lists, tuples and dictionaries
- Become familiar with basic methods associated with collections
- Implement iterations using “for” and “while” loops

Before the Session

Before the session, students should:

- Research differences between Python lists, tuples, and dictionaries
- Complete numerical problem solving challenges from the previous session

During the Session

During the session on 07/07/2016 , we will:

- Dive into lists, tuples, and dictionaries
- Complete numerical problem solving challenges, this time focused on iteration (due 07/09/2016)

After the Session

After the session, students should:

- Complete numerical problem solving challenges you were unable to complete during class