

## Lab #8

Chapter 11 and 12 introduce file handling and dictionaries in Python. Chapter 11 explains how to work with data files, including locating them on disk, reading with methods like ".read()" and ".readlines()", and writing to files using ".write()". It emphasizes the use of the "with" statement for safe file handling and introduces web file reading via "urllib".

Chapter 12 focuses on dictionaries, which store data as key-value pairs. It covers operations such as accessing, updating, deleting, and checking for keys, as well as methods like ".keys()", ".values()" and ".items()". The chapter also discusses aliasing, copying dictionaries, and using them for efficient storage in sparse matrices.

In conclusion, both the chapters reinforce concepts with exercises to strengthen practical understanding.