

CSE 114 INTRODUCTION TO OBJECT-ORIENTED PROGRAMMING

Announcements

Today: Some 'data structures'

Data Structures

Efficient solutions to problems regard organizing data in ways that make it easy to access and easy to process

The study of data structures helps you design data organizations that allow for efficient solutions.

You have already seen a type of data structure! • Arrays are a simple data structure

Linked Lists

Linked lists hold a series of data items like an array

Instead of sequential storage, they use individual objects each holding a 'reference' to the next object in the list

This structure has a 'head' and a 'tail' reference to the first and last items in the list











