

Homework 3
In this homework you start writing code for your player, to replace the stick figure in the starter game.
Key parts of this assignment are making the player

interact with different kinds of blocks.
move in response to keyboard or mouse input from human player.
(If these don't apply to your game, talk to me about whether there are reasonable substitutes.)

For design phase, you just need to describe this interaction.

Slide 2





Slide 4

	Lists
	• List ADT:
	<ul> <li>"Values" are lists of elements.</li> </ul>
	<ul> <li>Many operations possible — add element, remove element, search for element, etc., etc.</li> </ul>
	(Also "walk through elements" with "iterator" — next time.)
	Implementation:
	– Using an array.
	<ul> <li>Using a "linked list".</li> </ul>
	How do these compare with regard to efficiency of various operations? efficiency of memory use?
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Slide 5



