Objects with Properties

2/13/2009

Opening Discussion

- Minute Essay comments
    - Inclusive or.
    - Adding code. How do you know?
    - A list is an object that can store a group of objects.
    - List are often used in loops, but don't have to be.
    - Other capabilities of lists. Can you have sublists?
    - You can use list anywhere you want in your code. Later we will learn how to make lists.

One Person Per House

- Our goal for today is to make it so that only one person can go into a house at a time.

- We are going to do this in a number of different steps.

- First we should go add code to the person that checks if the person has reached a house yet.

Giving Building a Memory

- Now we need each building to remember if a person is in it.
- We will actually give the house a count of the number of people in it and make this work first.
  - private int numInside;
- Then we can add public methods to interact with it.
- Once we have that, we can try to make the people avoid houses that have already been taken.

null Option in the Loop

- Our last problem is that if there are more people than buildings, people should stand around at the end.

- This doesn't happen right now.

- We need to initialize the closestBuilding to null and add logic to handle that.

Minute Essay

- We are moving to a new topic on Monday. Do you have further questions about lists and the for loop?

- On Monday we will take a quiz and do show your code.