Objects with Properties

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Opening Discussion

- Do you have any questions about the reading?

- Minute Essay comments

    – My home workstation is from Microway. It is a 2P, 4C machine with 16GB of RAM.

    – Things we do with list aren't really possible without some type of collection. Lists act just like what the name implies.

    – Examples of List code.

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.

- Right now we get a NullPointerException if this situation arises. How do we fix that?

Minute Essay

- Do you have further questions about lists and the for loop?

- Wednesday is a show your code day.