

Arrays and New Scenarios

10/12/2009

Opening Discussion

- Minute Essay comments
 - How could we get people to check their distance to the lemur instead of walking randomly?
 - Picking from options on quizzes.
 - DPS – Division for Planetary Science
 - Why use Linux?
 - Populating arrays without hardcode.
 - Could we use arrays instead of lists in other code?

Making New Scenarios

- Greenfoot makes it fairly easy to create new scenarios.
 - Select Scenario > New.
 - Give the Scenario a name.
 - Right click on World to make the world type for this scenario.
 - Right click on Actor to make actors for this scenario.

Last Objective

- I want us to do one last objective. We have talked about having the person remember all the houses visited and not return to any. I want to implement that.

Making Our Own Lists

- In order to accomplish this new objective we have to make our own lists.
- To do this we declare a List variable like before. Only now we will use new to make one.
- It turns out that we can't make a List. We can make subtypes of List. We will use the ArrayList subtype.
 - `List<House> houses=new ArrayList<House>();`

Minute Essay

- Wednesday is a “show your code” and can include some review. What would you like to see us talk about/do?
- Review sessions will be held at the following times. You come with questions, we just answer them.
 - 6pm Wednesday
 - 4pm Thursday