Project 4 initial outline

Use MVC architecture

* Model
  + 10x10 array of generic data structure that has three inherited types:
    - A string type "
    - A formula type +, which can contain numbers or cell references
    - A function type =, which can contain cell references (numbers are not mentioned in the requirements)
  + We are forbidden from allowing functions in formulas.
  + For formula type, use a parsed expression tree. It is created in the same manner as project 2.
  + Cell dependencies are tracked via a directed graph. Thus the cell type for functions should have two types of data structures, and should point to the roots of the data structures
  + The function type should hold the following:
    - An integer determines the class type.
    - Two entries for upper left and lower right cell positions.
    - The two entries should be similar to the cell references, so that they are are the leaves of the dependency graph.
  + SheetArray.java
* View
  + Mostly handled by the NetBeans designer.
  + SheetUI.java
  + Earlier projects may have put some controller-like code in here. This time, try to avoid that.
* Controller
  + Controller.java
  + Handles communication between model and view, conversion to/from different types of data.
* Unit tests
  + As with previous projects, use NetBeans generated tests and modify them.