Lab #3: Multicast
Due: May 30, 2006 11:59pm

Overview
For this lab you will implement a simplified multicast middleware using sockets.

Basic Multicast
Implement a class named BasicMulticast. The constructor for this class will take an array of MulticastMember objects (including this member) and a int port (on which to listen). The object supports two operations: multicast and deliver. The multicast method takes a String object as a message and transmits it to every member of the group (those given in the constructor for the object). The deliver method returns the first String message received.

Note that messages may arrive at any time, so a thread must be created within this object to listen for incoming messages.

Handin
Submit your source files using handin on hornet/falcon. To do this, execute

```bash
handin akeen lab3 <your files here>
```