

## Quiz # 3 — CS2340 Sp02

Name:

ACME account ID:

There is a **Course** object that contains an instance variable **roll** containing a collection of **Student** objects. Each **Student** instance returns a string with the student's name via the **name** accessor, a string of the student's number via the **number** accessor, and a string of the students' major via the **major** accessor.

You are to write a method **showRoll** for **Course** which opens a **PluggableTextMorph** containing all of the students' names, numbers, and majors in the form:

```
Mark Guzdial  
0123456789  
Underwater Basketweaving
```

With a blank line between each entry. Besides the **showRoll** method itself, you must write the method that the **PluggableTextMorph** will call to get its text.

Hints/Suggestions/Strategies: To open the roll, all you have to do is to create the **PluggableTextMorph** (via **on:text:accept:** — see top of p. 158) and send it **openInWorld**. The model should be the course object (**self**) and the text method should be the method you write to format the text of the course roll. Be sure to return a *string* to the **PluggableTextMorph**!