

# Classes

## CS 165 – Object Oriented Software Development

Macbeth – Lesson 4.3

# Agenda

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- Opening Prayer
- Music Friday
- Q&A
  - Review Checkpoint B
  - Questions about Project
- Example
- Looking Forward

## Music Friday

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### O Thou Rock of Our Salvation (Hymn 258)

O thou Rock of our salvation  
Jesus, Savior of the world,  
In our poor and lowly station  
We thy banner have unfurled.

Gather round the standard bearer;  
Gather round in strength of youth.  
Ev'ry day the prospect's fairer  
While we're battling for the truth.

## Examples

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Create a class called "Course" which manages enrollment in a college course.

You need to prompt for:

- Course Name
- Maximum Student Size

The class will manage the following functions:

- Add a student
- Drop a student
- Display the course name and enrollment status

Link to a free UML Editor tool: <http://violet.sourceforge.net>

# Looking Forward

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- Monday
  - Assignment 4 – E-Commerce Product Inventory
  - Last chance to turn in Checkpoints 4A and 4B