Classes & Objects (1)

CS 241 – Survey of OOP & Data Structures

Macbeth – Week 3

Agenda

- Invite the Spirit
- Whiteboard – Classes
- Code Together & Individually – Classes
- Explore Assignment 3
- Preparation

Invite the Spirit

Alma 5:14-15

"[H]ave ye spiritually been born of God? Have ye received his image in your countenances? Have you experienced this mighty change in your hearts?

Do ye exercise faith in the redemption of him who created you? Do you look forward with an eye of faith, and view this mortal body raised in immortality?"

Assignment 3 Requirements

- Pass Test Bed
  - Robot moves up, down, left, or right correctly and uses 5 units of fuel.
  - Robot fires laser correctly and uses 15 units of fuel.
  - Robot will display an error if there is insufficient fuel to perform an action.
  - Program will correctly display the location (x and y) of the Robot and the fuel status when requested by the user.
  - Program will continue prompting the user for a command until the user enters "quit".
- Every function has a detailed comment block and complex code is also commented.
- Must correctly create a Robot class and create a main function.

Preparation

- Submit Assignment 2 and Reflection Today
- Complete Reading
- Work on Checkpoint 3A
- Start work on Assignment 3