Introductions & Review (3)

CS 241 – Survey of OOP & Data Structures

Macbeth – Week 1

BYU
IDAHO

Agenda

- Invite the Spirit
- Whiteboard Discussion – Variables
- Code Together
- Whiteboard Discussion - Functions
- Code Pairs
- Explore Assignment 1
- Preparation

Invite the Spirit

Russell M. Nelson

My brothers and sisters, how precious is the Book of Mormon to you? If you were offered diamonds or rubies or the Book of Mormon, which would you choose? Honestly, which is of greater worth to you?

When I think of the Book of Mormon, I think of the word *power*. The truths of the Book of Mormon have the power to heal, comfort, restore, succor, strengthen, console, and cheer our souls.

Assignment 1 Requirements

- Pass Test Bed:
  - Req 1: Program prompts for seed and applies it correctly to the random number generator
  - Req 2: Program displays "Higher" if the guess was too low and "Lower" if the guess was too high
  - Req 3: Program prompts for another guess until the guess is correct
  - Req 4: Program displays "Congratulations" and the number of guess it took if the guess was correct
  - Req 5: Program allows the user to play again without changing the seed
- Every function has a detailed comment block and complex code is also commented.
- Must have at least 2 functions, use loops correctly, and properly use the random number generator code (as explained in the instructions).

Preparation

- Work on Assignment 1