Dayne R Firth II

IT-140 Introduction to Scripting

Module 4 Assignment

Pseudocode

Higher/Lower game

1. Import random
2. Display “Enter Name?”
   1. User inputs name – stores are **user\_name**.
3. Display “Welcome to the Higher/lower game, ‘**user\_name’**”
4. Create a while true loop:
   1. Display “Enter the lower bound:”
      1. User inputs lower bound number – stores are **lower\_bound**.
   2. Display “Enter the upper bound:”
      1. User inputs upper bound number – stores are **upper\_bound**.
   3. If **lower\_bound** > **upper\_bound**
      1. Display “The lower bound must be less than the upper bound.”
   4. If **lower\_bound** < **upper\_bound**
      1. Break
5. Need to set random number between **lower\_bound** and **upper\_bound** store as **number**
   1. Using random int
6. Display “Great now guess a number between ‘**lower\_bound**’ and ‘**upper\_bound’**:
   1. User inputs guess – store as **guess**
7. Set Guessing to True
8. Create loop while guessing
9. If **guess** is < **number**
   1. Display “Nope, too low.”
   2. Display “Guess another number:”
      1. User inputs guess -updates **guess**
10. If **guess** is > **number**
    1. Display “Nope, too high.”
    2. Display “Guess another number:”
       1. User inputs guess -updates **guess**
11. If **guess** is = **number**
    1. Turn guessing to false
    2. Display “You got it!”