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Class: CMIS 141

Date: 10/09/2016

Assignment: Homework 4

Requirement

Design a program that displays the State Flower and Bird of a desired State. State must be case insensitive, and allow for leading and trailing white space.

1. Test Case 1

Input = “OhiO”

Important: Checking to see if Case Insensitive is working correctly.

Expected: State: Ohio, Bird: Cardinal, Flower: Scarlet Carnation

Results: Matched expected, which means the case insensitive search is functioning properly.

1. Test Case 2

Input = “ RHODE Island “

Important: Checking if trim leading and trailing white space is working

Expected: State: Rhode Island, Bird: Rhode Island Red, Flower: Violet

Results: Matched expected, which means trim() leading and trailing white space is working.

1. Test Case 3

Input = “ klfdjdaslkfjlskadjf”

Important: Checking for Error Handling

Expected: Error: No matching State, please check your spelling

Results: Matched expected, which means error handling is working.

1. Test Case 4

Input = “nOnE”

Important: Checking to see if program exits properly, and if none is case insensitive.

Expected: Goodbye!

Results: Matched expected, which means program quits when expected, and is case insensitive.

Conclusion

All test cases passed with flying colors, and I wasn’t able to “break” the program or achieve an unexpected results from entering a string.



