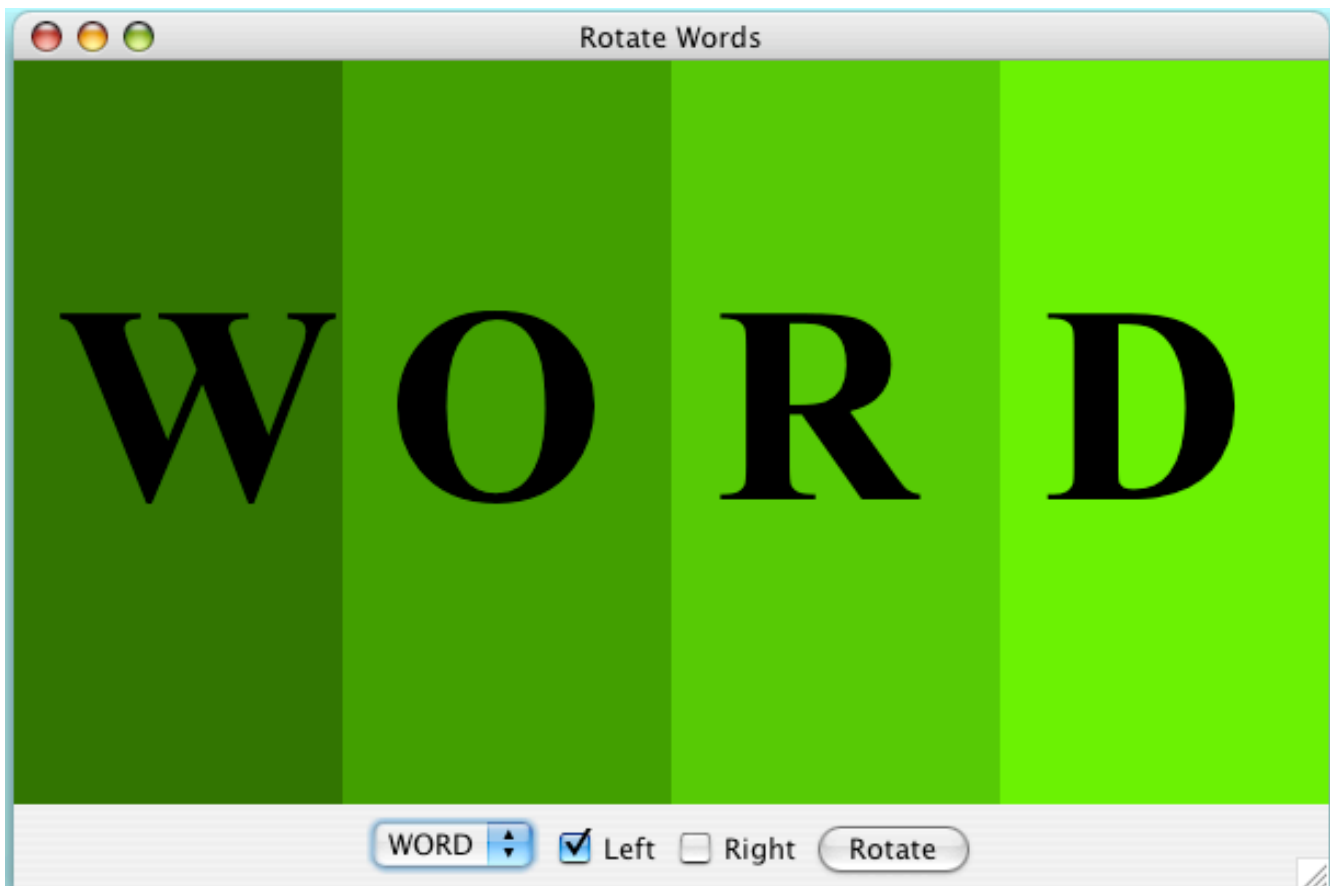


Object-Oriented Software Development

Project 2 — Due: Tuesday, February 14

Write a Java application that creates a frame similar to the one shown below.



A four-letter word is shown on four panels of various shades of green. The drop-down menu (JComboBox) allows the user to choose a four-letter word to display (my choices: WORD, STOP, HELP, JAVA, and IOWA).

If only the Left check box is selected, the Rotate button rotates the letters of the word to the left (first ORDW, then RDWO, then DWOR, then WORD). If only the Right check box is selected, the Rotate button rotates the letters of the word to the right (first DWOR, then RDWO, then ORDW, the WORD). If neither check box is selected, the Rotate button has no effect. If both check boxes are selected, the word is replaced by the word OOPS and the Rotate button has no effect.

Turn in a listing of your program and submit your source file with a comment at the top with your name. Your program will be graded on correctness, clarity, and the design of your frame.