

## ITSE 1394 – Ruby Program 3



For Ruby Program 3, complete the following steps:

1. Using the “Part One, Part Two, and Part Three” content (see the graphic above) on the Ruby Programming site, write a Ruby program named `rubyprogram3.rb`:
  - a. Starts with the functionality contained in `rubyprogram2.rb`.
  - b. Enters the names into an array and outputs the size of the array.
  - c. Enters the names into a hash as the keys and supply their favorite foods as the values.
  - d. Outputs the keys and values from the hash.
  - e. Makes a case-insensitive comparison of names entered to determine if the same name was entered twice and outputs the results.
  - f. Reverses the order of the characters in the names and outputs the results.
  - g. Swaps the case of a name entered and outputs the results.
  - h. Outputs the current month, date, year, and time in local time.
  - i. Before the end of the program, removes the names from the array and outputs the size again to show that the array is empty.
2. Test `rubyprogram3.rb` to ensure it operates correctly.
3. Submit `rubyprogram3.rb` to Bb by the due date.



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