COP 3330-HW 3

Write a java program that stores **up to 5 names** (of people), displays the entered names all in capital and sorted alphabetically. Then your code prompts you for any change you would like to make to any of the names. See sample runs below.

You may use any of the Java built-in classes to do this HW.

Sample run 1 (**The user's entry is marked in bold**):

Enter how many name(s) you have: **35**

Sorry, you can't have more than **5** names stored in our system! Enter -1 to exit this program.

Enter how many name(s) you have: **-1**

Bye!

Enter how many name(s) you have: **3**

Enter your 3 names separated by * then hit the Enter Key :

John   Smith   *karim   A.   Williams*Amina   Baker

Thank you!

You entered:

[AMINA BAKER, JOHN SMITH, KARIM A. WILLIAMS]

Do you want to make a change to any of the entered names (enter y/Y for yes or e/E to Exit program): **y**

Enter the name you would like to change: **karim A. Willia**

Sorry no such name in your list. Would you like to add "karim A. Willia" to the list? enter y/Y for yes or n/N for no : **y**

Karim A. Willia added to the list. Here is your new list:

[AMINA BAKER, JOHN SMITH, KARIM A. WILLIA, KARIM A. WILLIAMS]

Do you want to make a change to any of the entered names (enter y/Y for yes or e/E to Exit program): **e**

Goodbye!

Enter how many name(s) you have: **5**

Enter your 5 names separated by * then hit the Enter Key :

John Smith   *eriKa JoNes* cody Edwards*karim A.   Williams*Amina Baker

Thank you!

You entered:

[AMINA BAKER, CODY EDWARDS, ERIKA JONES, JOHN SMITH, KARIM A. WILLIAMS]

Do you want to make a change to any of the entered names (enter y/Y for yes or e/E to Exit program): **y**

Enter the name you would like to change: **karim A. Willia**

Sorry no such name in your list. Would you like to add "karim A. Willia" to the list? enter y/Y for yes or n/N for no : **y**

Sorry, you can't add a new name as you already have 5 names!

Do you want to make a change to any of the entered names (enter y/Y for yes or e/E to Exit program): **Y**

Enter the name you would like to change: **karim A. Williams**

Enter the new name: **Karim B. Williams**

Got it! Here is the new list:

[AMINA BAKER, CODY EDWARDS, ERIKA JONES, JOHN SMITH, KARIM B. WILLIAMS]

Do you want to make a change to any of the entered names (enter y/Y for yes or e/E to Exit program): **E**

Goodbye!