EECS 2311

VENN DIAGRAM APPLICATION

User Manual

By: Mahamed Hassan - 216536476

Derui Liu - 215608946

Thanh Nguyen - 213507231

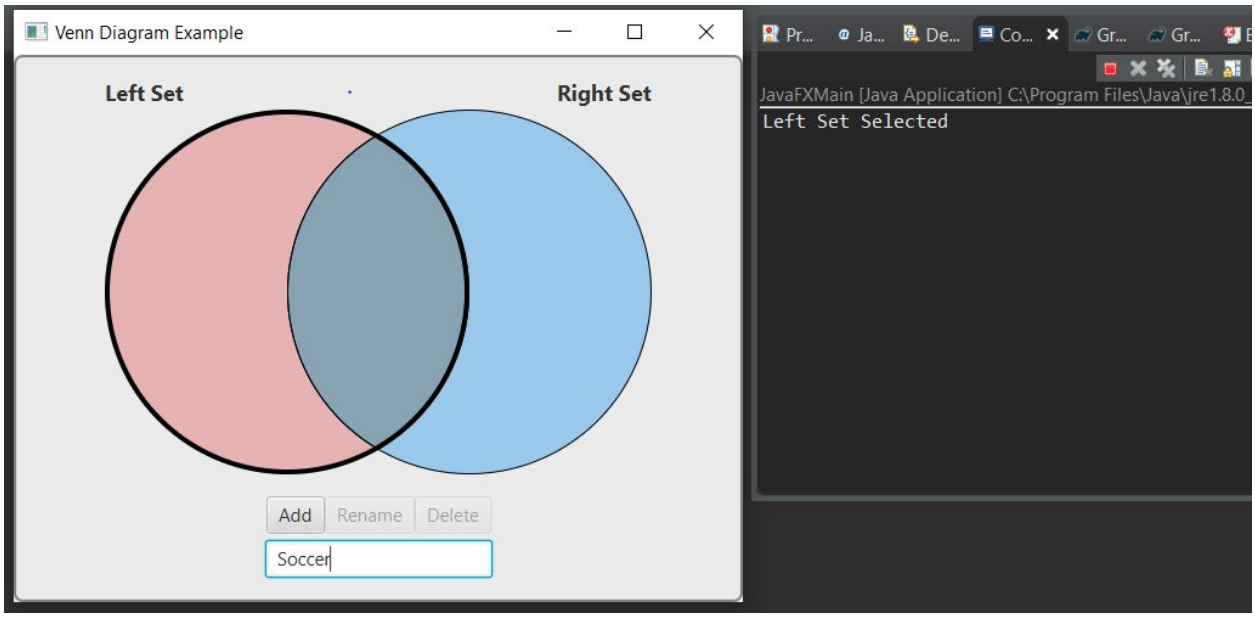
Esra Kastrati - 215507205

Group 10

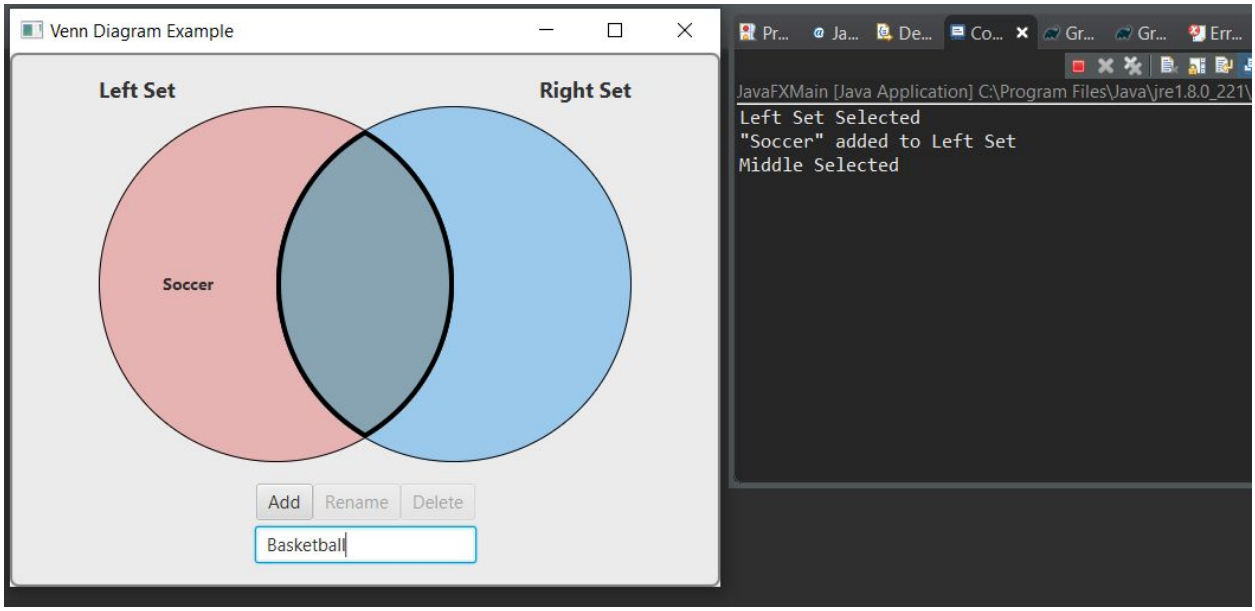
User Manual

How to get started:
Java 8 or above is required to run this program. You can download it here:
https://www.java.com/en/download/
To run the program, double click the .JAR file. If that doesn't work, open a terminal in the same directory of the .JAR file. Then enter “java -jar venn.jar” or the current name of the .JAR file if it has been renamed.
The program will open and you are now ready to add your data to the Venn diagram. Currently, there is no way to save the Venn diagram beyond taking a screenshot of the program.

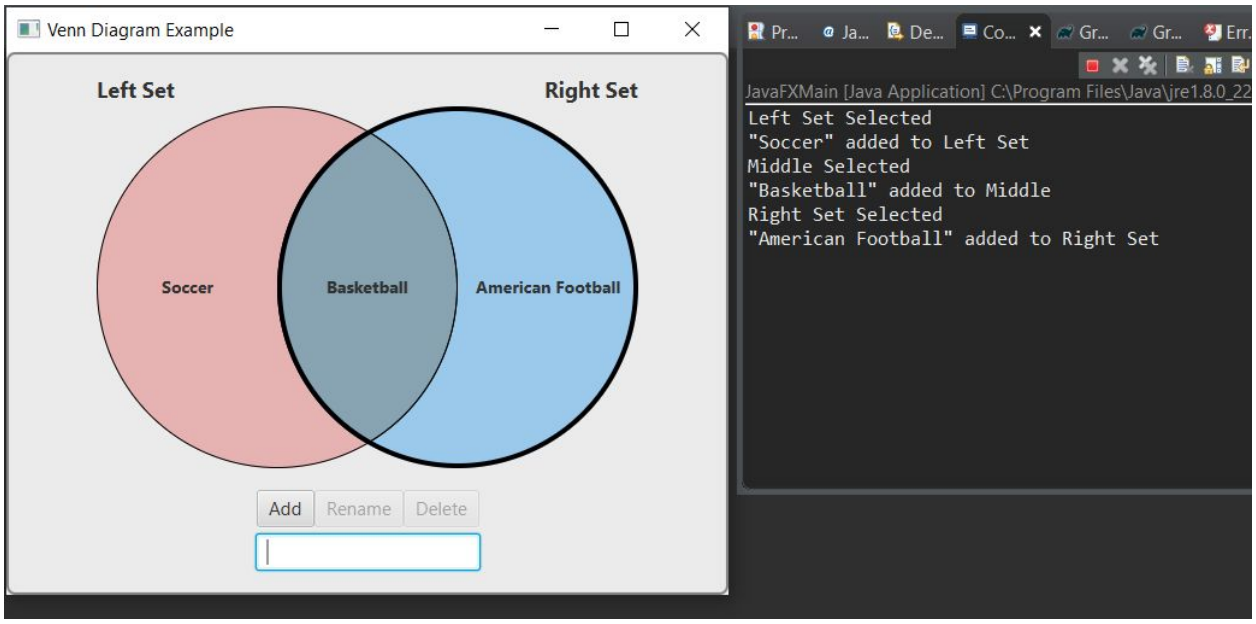
1. By selecting the left set, you can now add to that set by typing in the textbox below and clicking ‘Add’



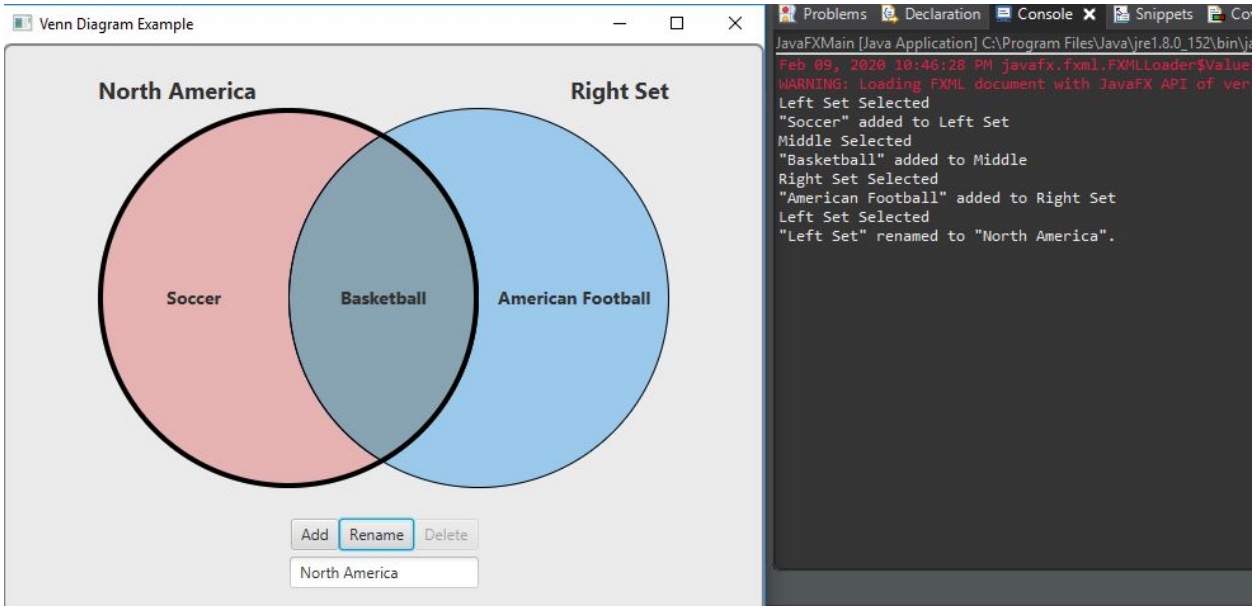
2. By selecting the middle where both sets intersect, you can now add to it by typing in the textbox below and clicking ‘Add’.



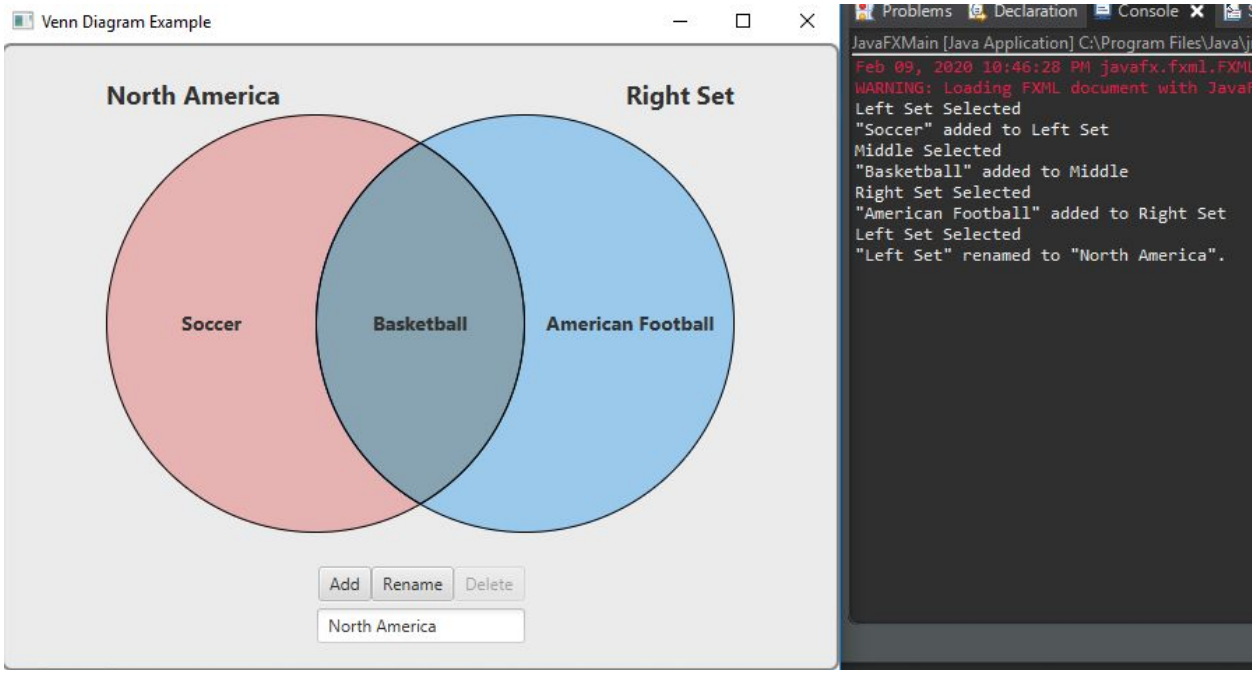
3. Click on the right set to add to it by typing in the textbox below and clicking on ‘Add’ when you are done.



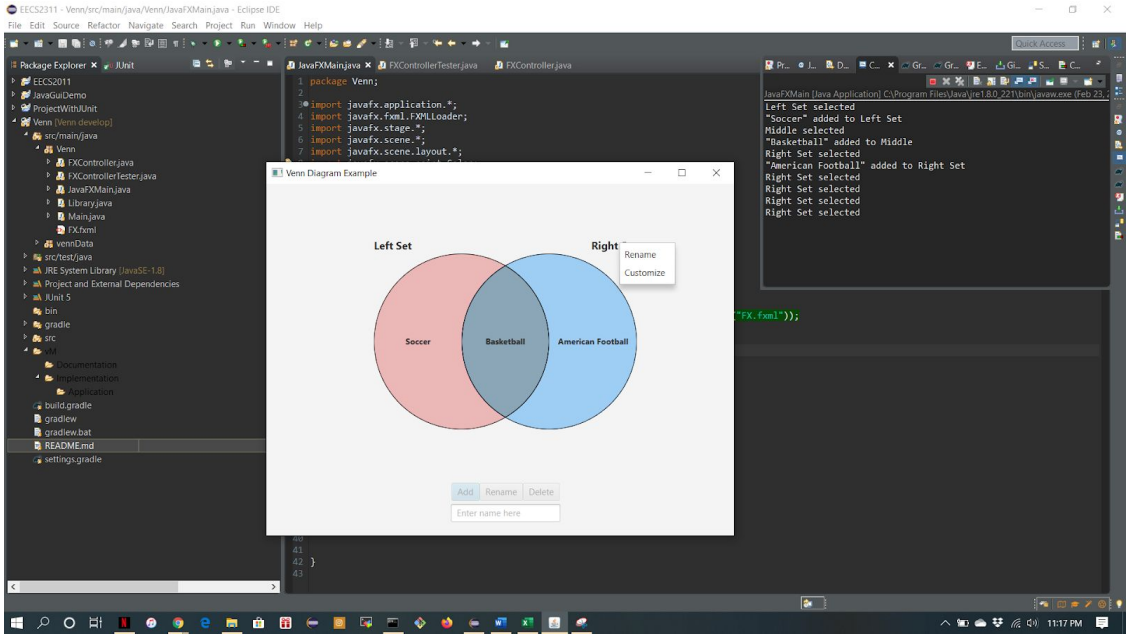
4. To rename the currently-selected set, select the set you want to rename, type the new name into the textbox, then click “Rename”.

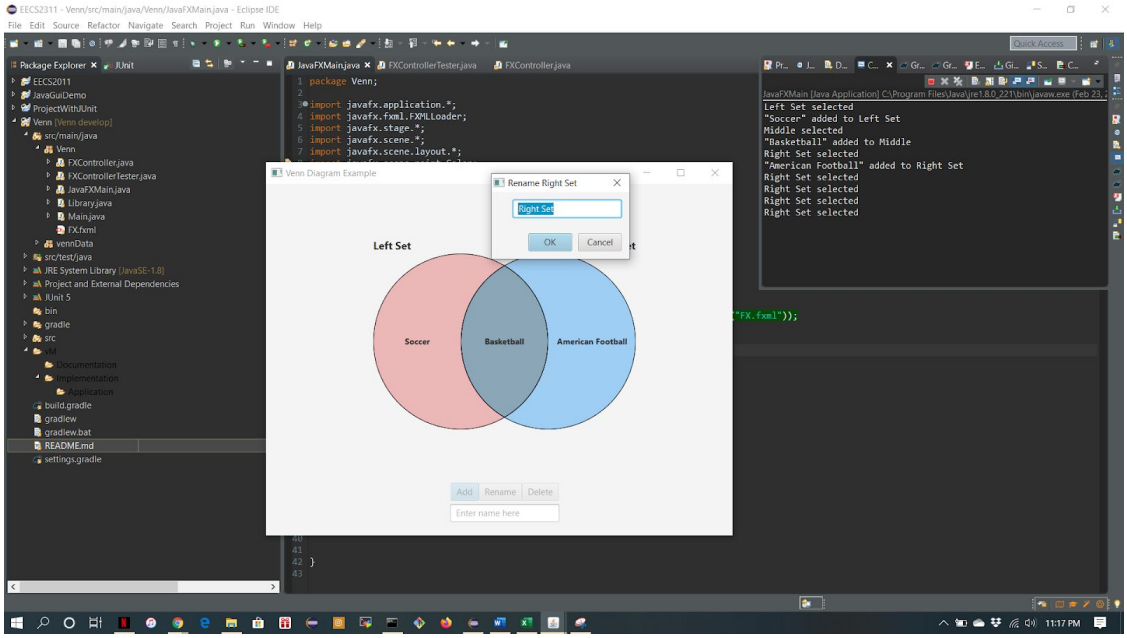


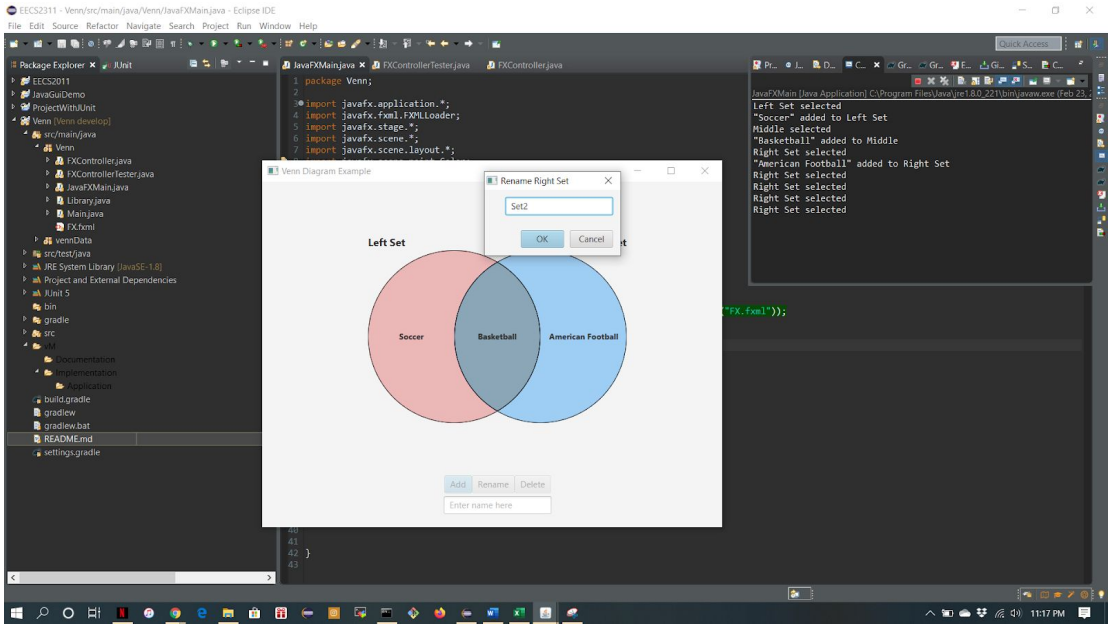
5. To remove the bold line of the selected circle, click anywhere on the whitespace outside the circles. That circle will remain selected in regards to the “Add” and “Rename” buttons.

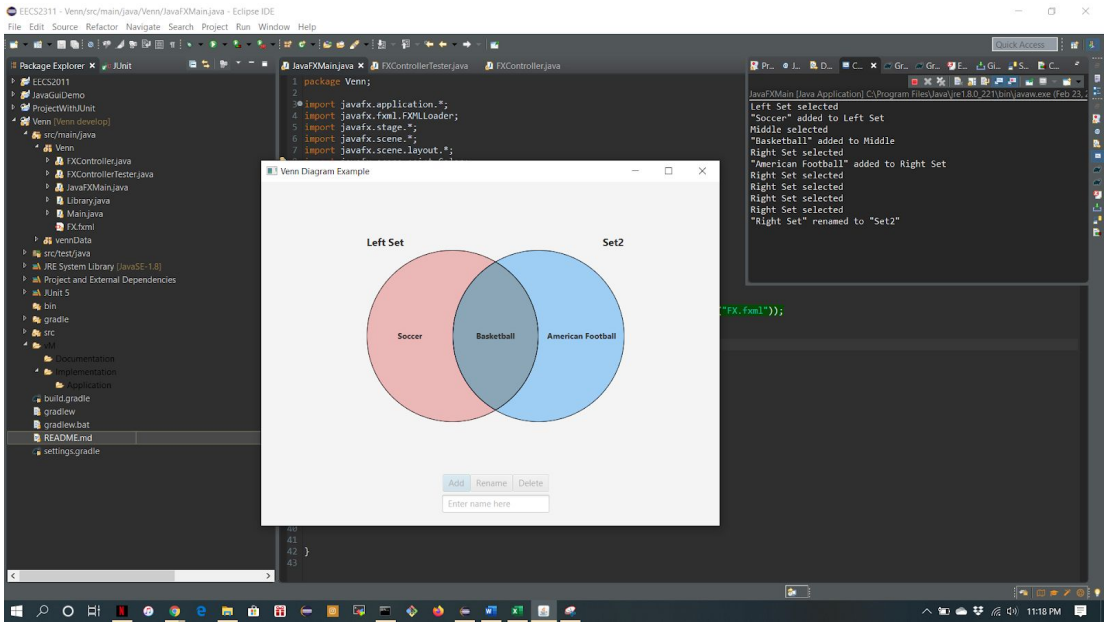


6. To rename a set, you can right click on that set. Once you have right clicked on it, a list of two options appear on your right, click on “Rename” to change the name of that set to anything. A window pops up where you can type into a textbox, and click on “Ok” once you are done renaming the set. The Customize function does not currently work.

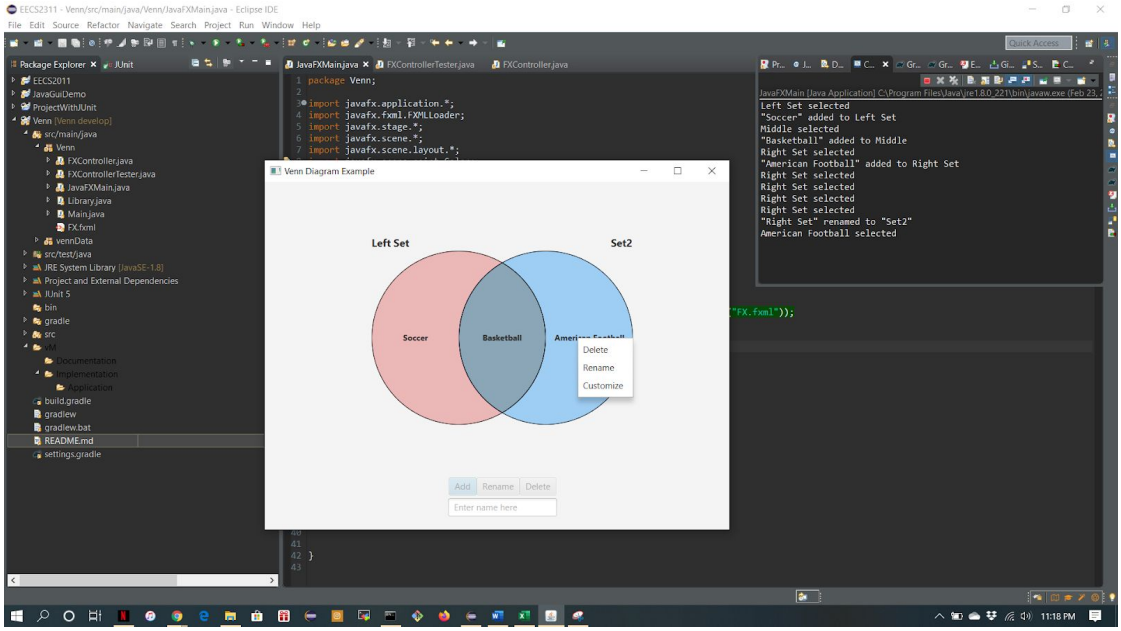

Venn Diagram Example
Left Set
Right
Rename
Customize
Soccer
Basketball
American Football
Add
Rename
Delete
Enter name here
Left Set selected
"Soccer" added to Left Set
Middle selected
"Basketball" added to Middle
Right Set selected
"American Football" added to Right Set
Right Set selected
Right Set selected
Right Set selected
Right Set selected

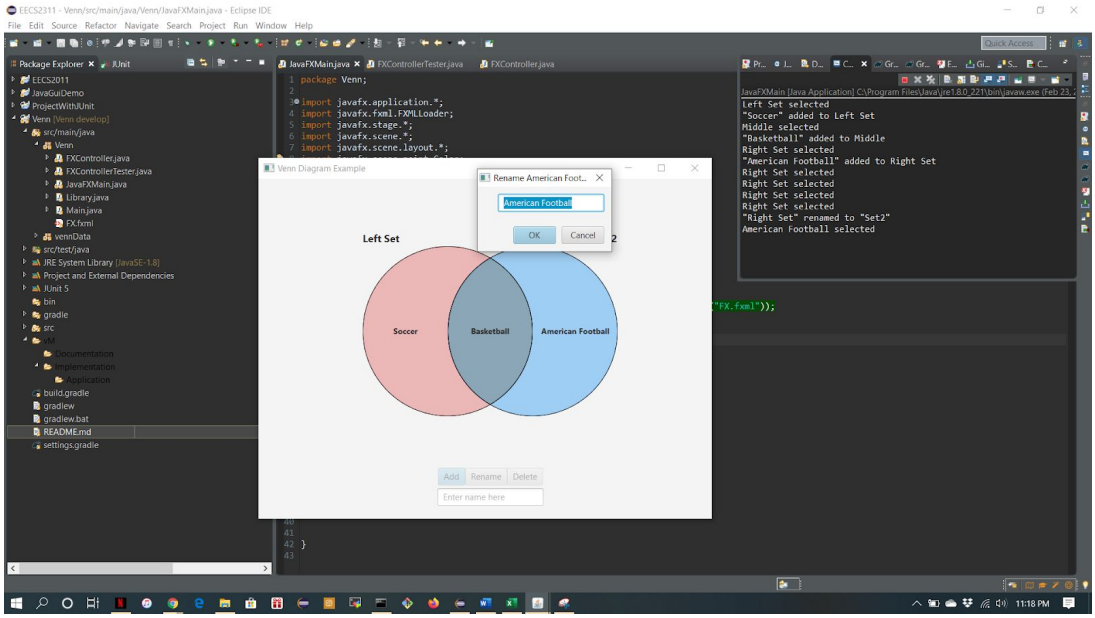

Venn Diagram Example
Rename Right Set
Right Set
OK
Cancel
Left Set
Soccer
Basketball
American Football
Add
Rename
Delete
Enter name here
Left Set selected
"Soccer" added to Left Set
Middle selected
"Basketball" added to Middle
Right Set selected
"American Football" added to Right Set
Right Set selected
Right Set selected
Right Set selected
Right Set selected

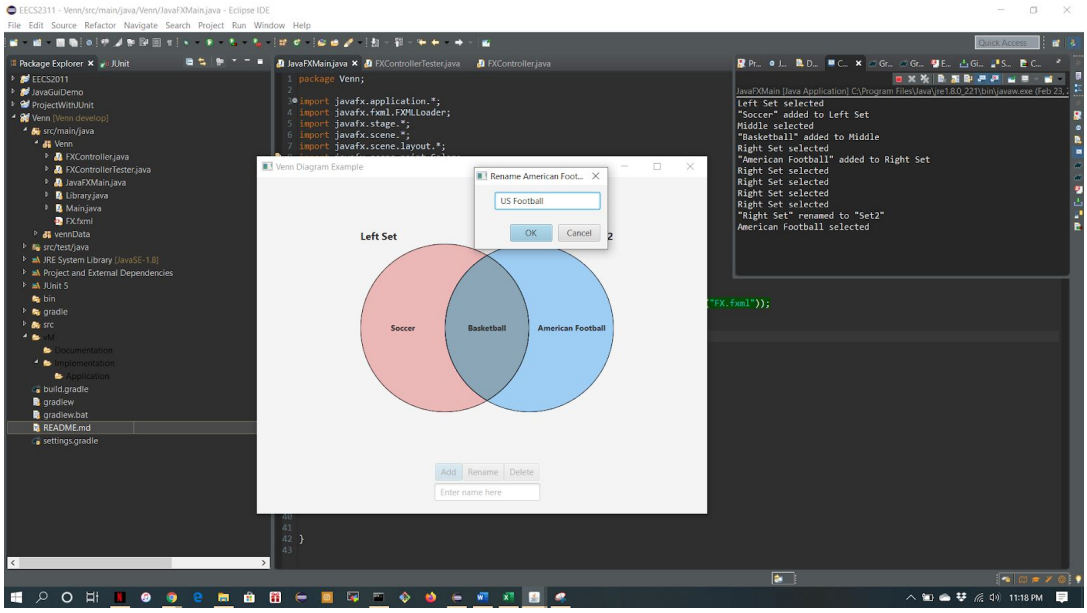


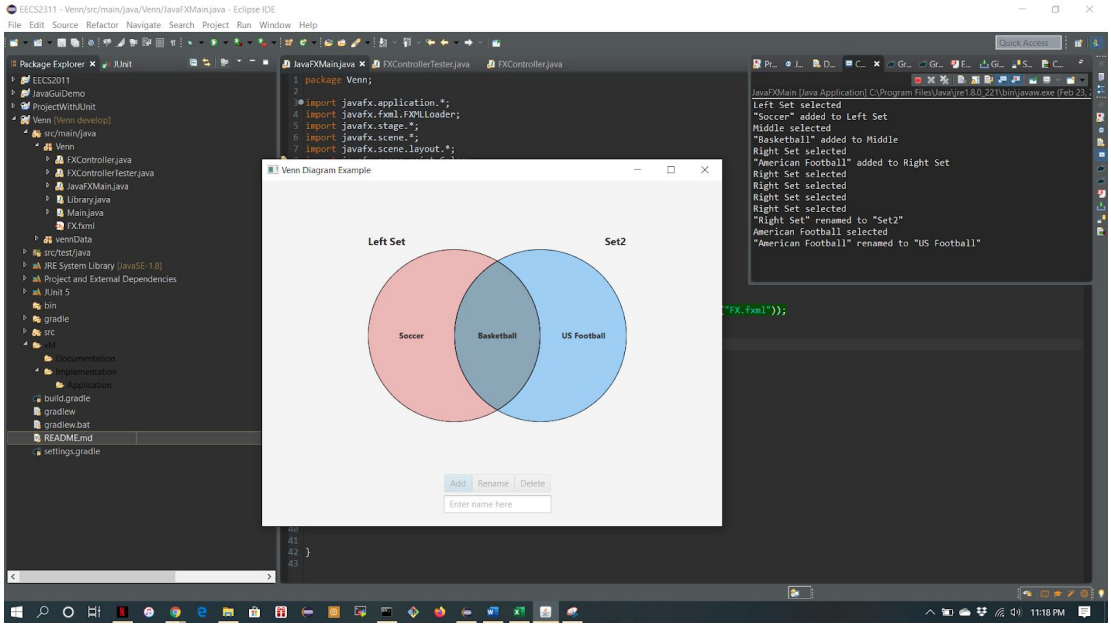


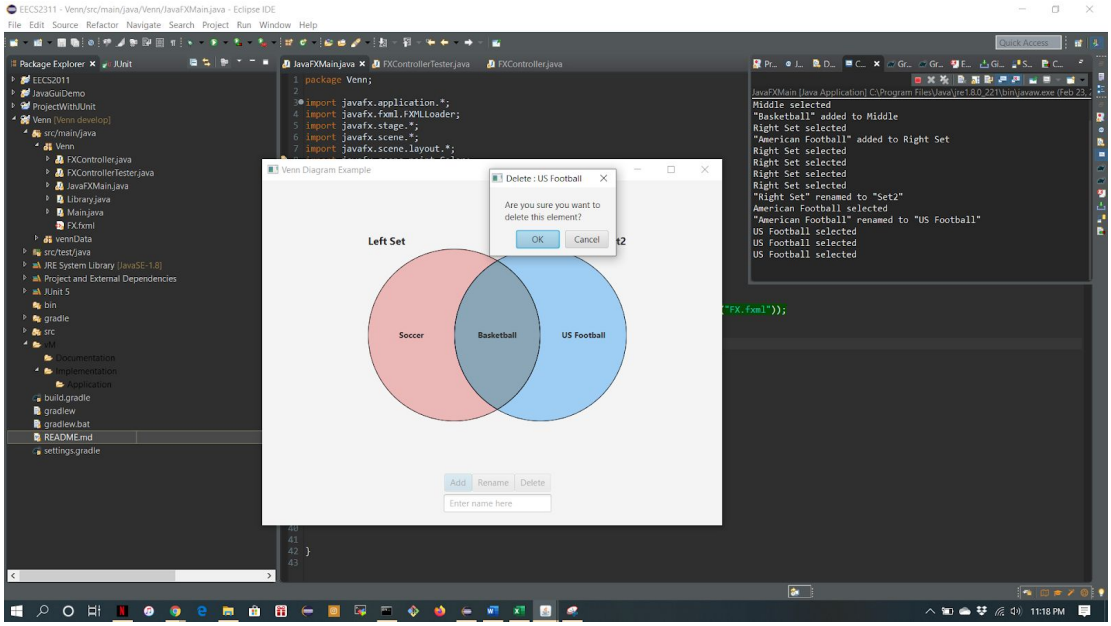
7. To remove an element from a set, go to whichever set the element is in and right click on that element, a list of options appear on your right, click on Rename to edit it. A different window will pop up with a textbox to write in, once you are done click “Ok”. The element is now renamed and edited. If you want to completely get rid of that element, you can click on “Delete” and a window will pop up asking you if you are sure you want to get rid of that element, click “Yes” and the element gets deleted.

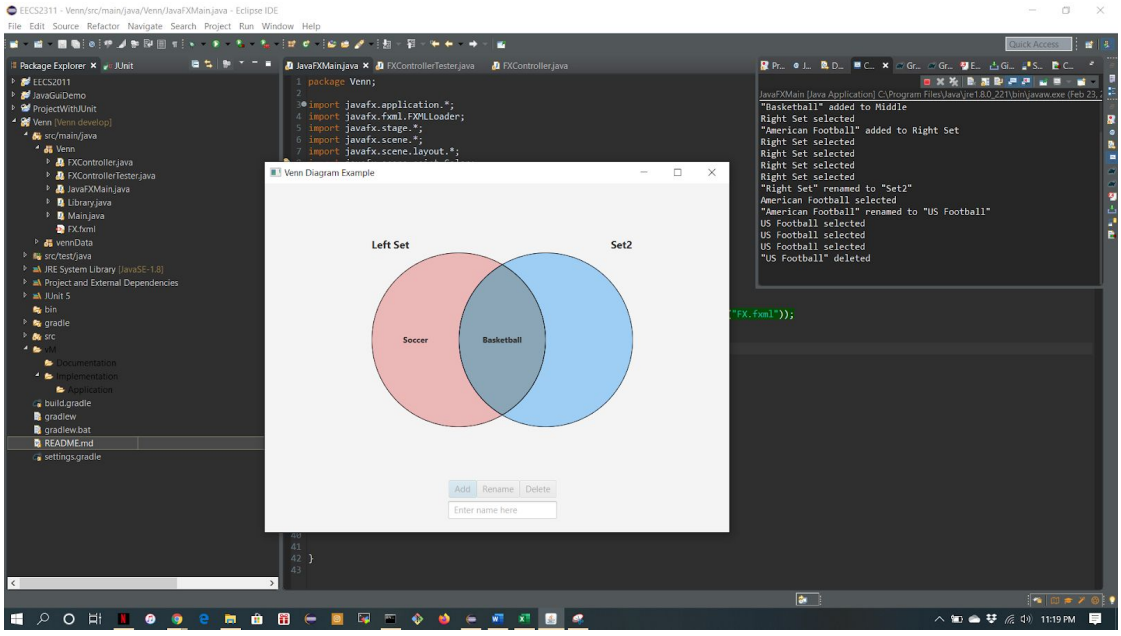

Venn Diagram Example
Left Set
Set2
Soccer
Basketball
Delete
Rename
Customize
Add
Rename
Delete
Enter name here
Left Set selected
"Soccer" added to Left Set
Middle selected
"Basketball" added to Middle
Right Set selected
"American Football" added to Right Set
Right Set selected
Right Set selected
Right Set selected
Right Set selected
"Right Set" renamed to "Set2"
American Football selected


Venn Diagram Example
Rename American Foot...
American Football
OK
Cancel
Left Set
Soccer
Basketball
American Football
Add
Rename
Delete
Enter name here
Left Set selected
"Soccer" added to Left Set
Middle selected
"Basketball" added to Middle
Right Set selected
"American Football" added to Right Set
Right Set selected
Right Set selected
Right Set selected
Right Set selected
"Right Set" renamed to "Set2"
American Football selected


Venn Diagram Example
Rename American Foot...
US Football
OK
Cancel
Left Set
Soccer
Basketball
American Football
Add
Rename
Delete
Enter name here
Left Set selected
"Soccer" added to Left Set
Middle selected
"Basketball" added to Middle
Right Set selected
"American Football" added to Right Set
Right Set selected
Right Set selected
Right Set selected
Right Set selected
"Right Set" renamed to "Set2"
American Football selected


Venn Diagram Example
Left Set
Set2
Soccer
Basketball
US Football
Add
Rename
Delete
Enter name here
Left Set selected
"Soccer" added to Left Set
Middle selected
"Basketball" added to Middle
Right Set selected
"American Football" added to Right Set
Right Set selected
Right Set selected
Right Set selected
Right Set selected
"Right Set" renamed to "Set2"
American Football selected
"American Football" renamed to "US Football"


Venn Diagram Example
Delete : US Football
Are you sure you want to delete this element?
OK
Cancel
Left Set
Soccer
Basketball
US Football
Add
Rename
Delete
Enter name here
Middle selected
"Basketball" added to Middle
Right Set selected
"American Football" added to Right Set
Right Set selected
Right Set selected
Right Set selected
Right Set selected
"Right Set" renamed to "Set2"
American Football selected
"American Football" renamed to "US Football"
US Football selected
US Football selected
US Football selected


Venn Diagram Example
Left Set
Set2
Soccer
Basketball
Add
Rename
Delete
Enter name here
"Basketball" added to Middle
Right Set selected
"American Football" added to Right Set
Right Set selected
Right Set selected
Right Set selected
Right Set selected
"Right Set" renamed to "Set2"
American Football selected
"American Football" renamed to "US Football"
US Football selected
US Football selected
US Football selected
"US Football" deleted