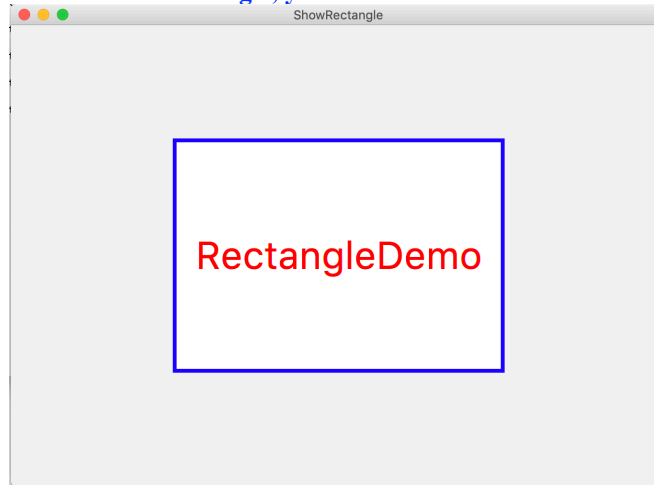


Name _____

CS5405HW05 (Due Tuesday October, 2019 Tuesday11:00am)

Use dynamic binding as done in section 14.5, to display a **rectangle**. The rectangle dynamically resizes as the window is resized. It is similar to circle demo shown in the class.

Example. Here is the output of demo of a rectangle, your code will include a label with your name.



The driver is Demo, the folder is demo (lowercase)

Create a folder named **demo**

cd to **demo**

create source file **Demo.java** for the driver if there are several files in the program.
to display output of the problem what is required.

Place .java files in source directory

Compile with

javac -d . source/*.java

It will create

.class files in code directory

Create manifest file with one line

Main-Class: code.Demo followed by carriage return.

Create a jar file

jar -cfm Demo.jar m.txt .

Test Execution of jar file

java -jar Demo.jar

Test Execution with double click on jar file

java -jar Demo.jar

In class, submit

Source code

ScreenShot of output of your program.

Grading:

[10] include this with your submission as the over page with your name in uppercase

[10] program output displays your name on the label

[10] The driver is named Demo in file Demo.java, the folder is demo (lowercase)

[20] canvas submission: Demo.jar If you submit .zip, it will be -20

In class submission

[10] Source code, Stapled if more than one page.

[10] Screen shot of the program execution

[10] use source and code directories.

[10] from CWD, it can be executed as **java -jar Demo.jar** or **Java code.Demo**

[20] program works correctly