

SWE312: Software Construction & User Interfaces

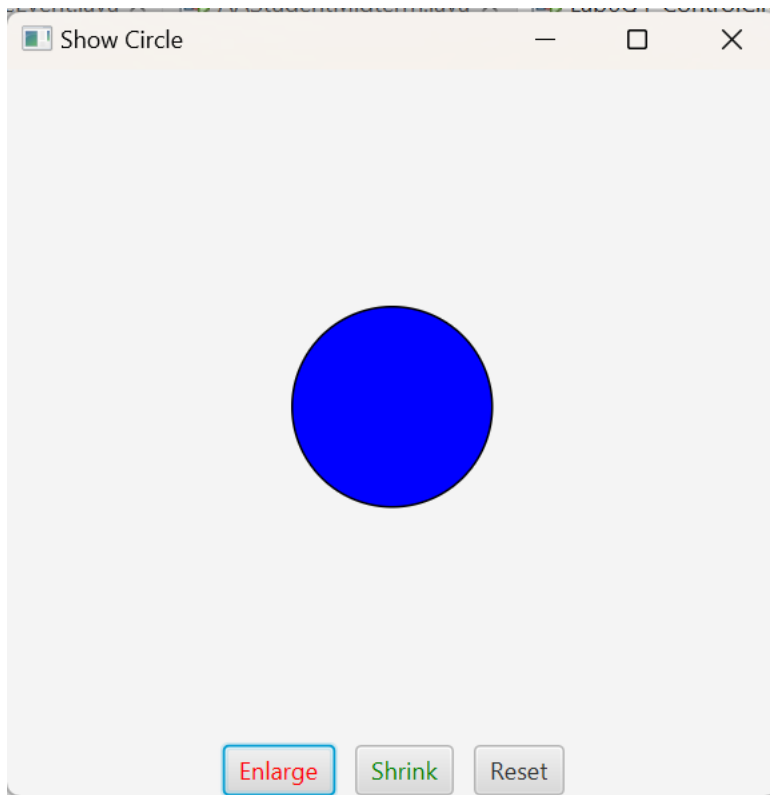
Lab 6

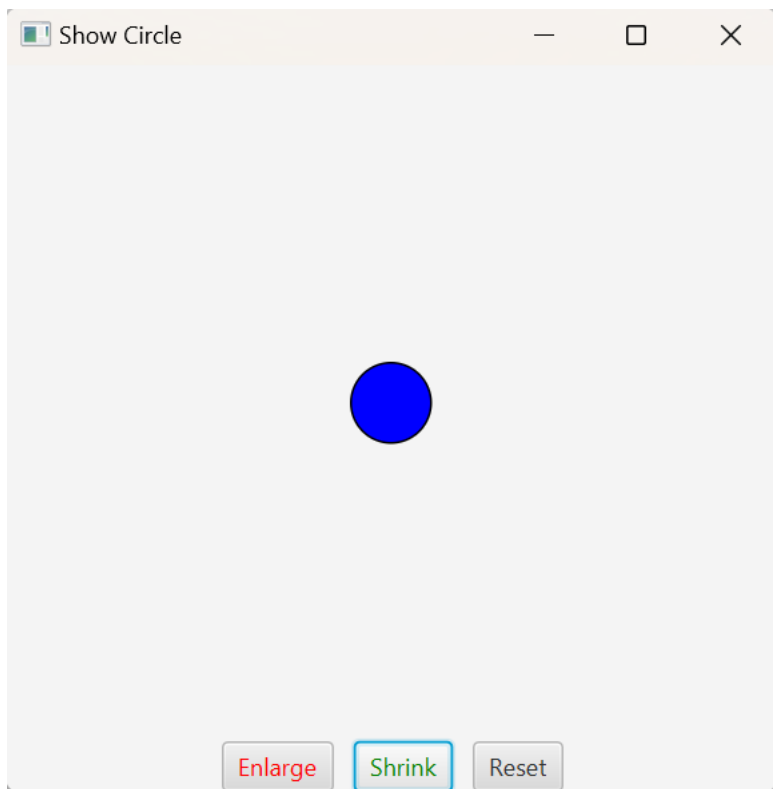
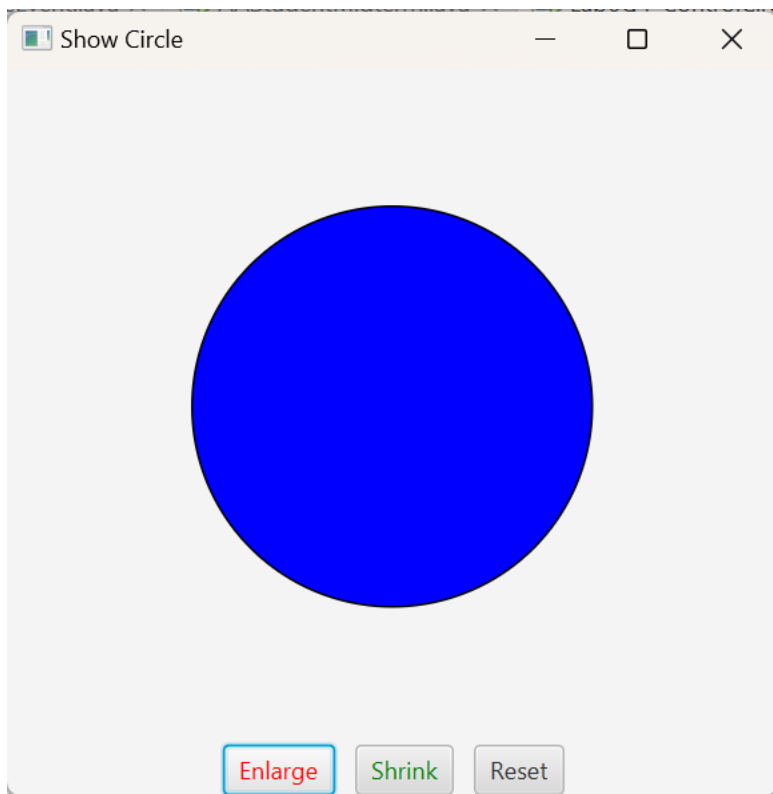
Shapes

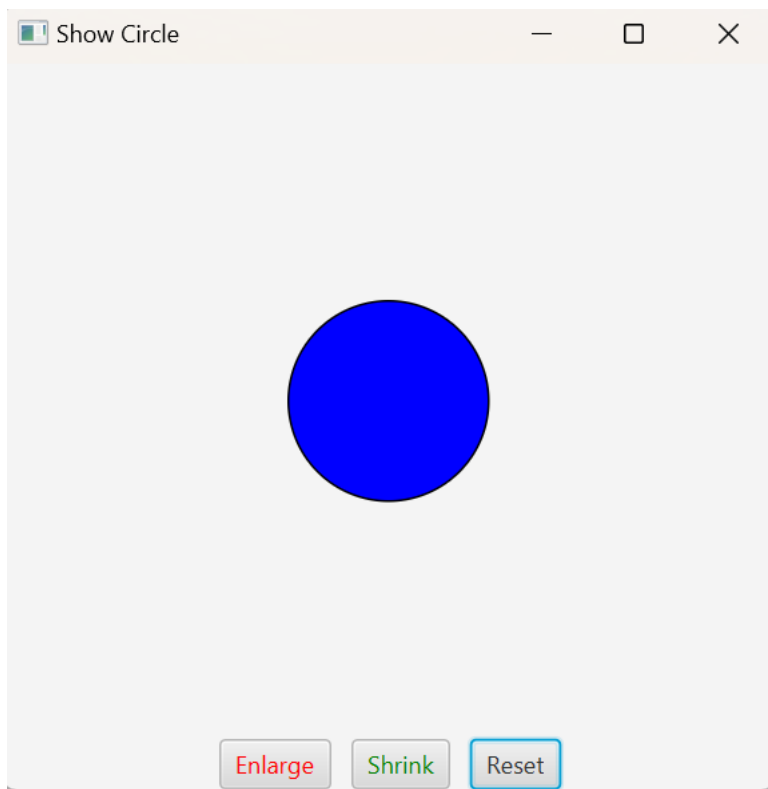
- Due date: **Monday 18th, of November 2024.**
 - Work INDIVIDUALLY. No group work is accepted.
 - Stick to deadlines! Late assignments will not be accepted.
 - Submit your solution to the LMS system, do not send it by email.
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Q1: Write a JavaFX program that draws filled circles with radius 20 pixels, centered the middle, then add three buttons to control the size of the circle.

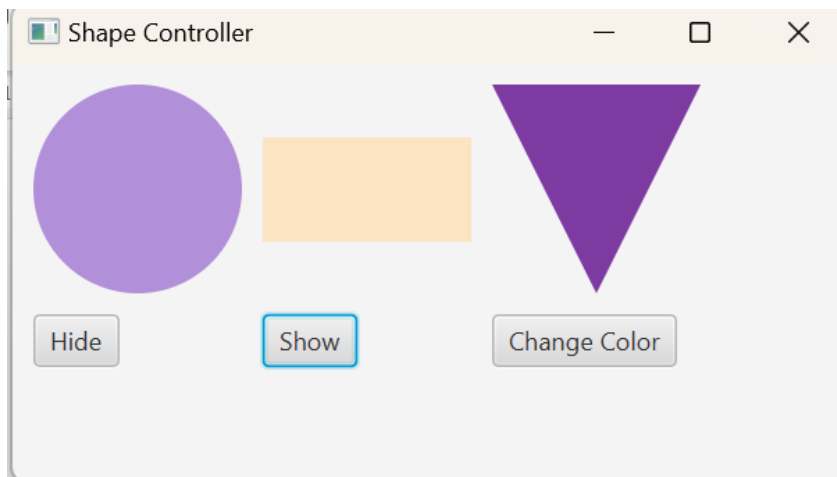
Sample Run:



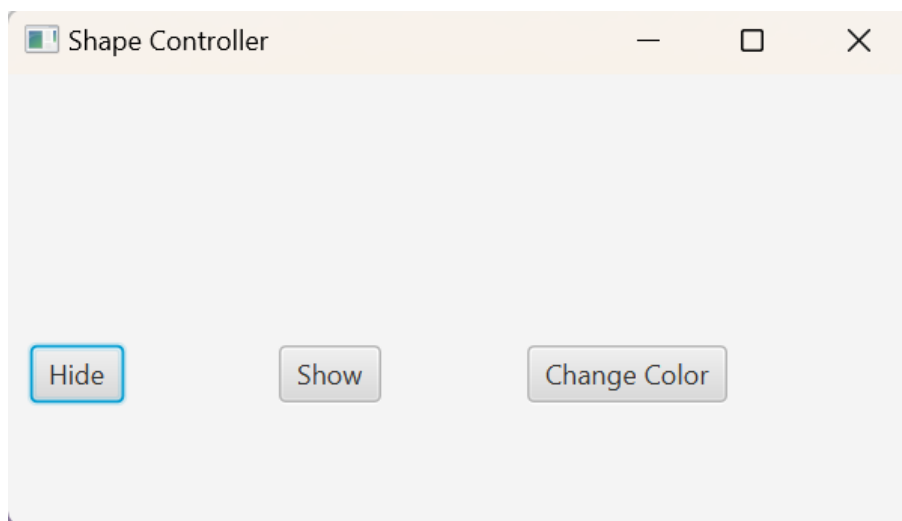




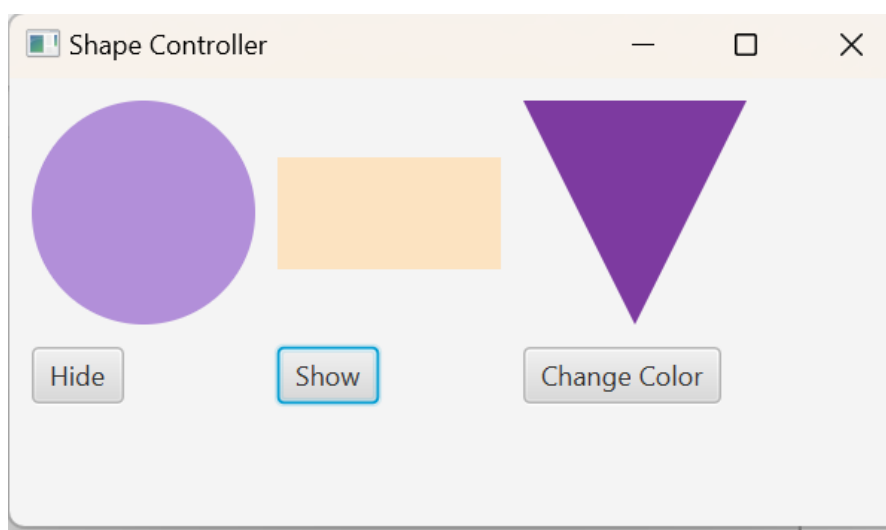
Q2: Write a JavaFX program that draws a circle, a rectangle, and a polygon and places them in a GridPane. Three buttons, "Hide", "Show" and "Change Color" are provided to toggle the visibility and color of the shapes:



If you click Hide button



If you click Show button



If you click Change Color button

