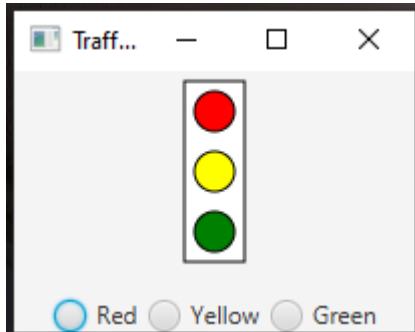


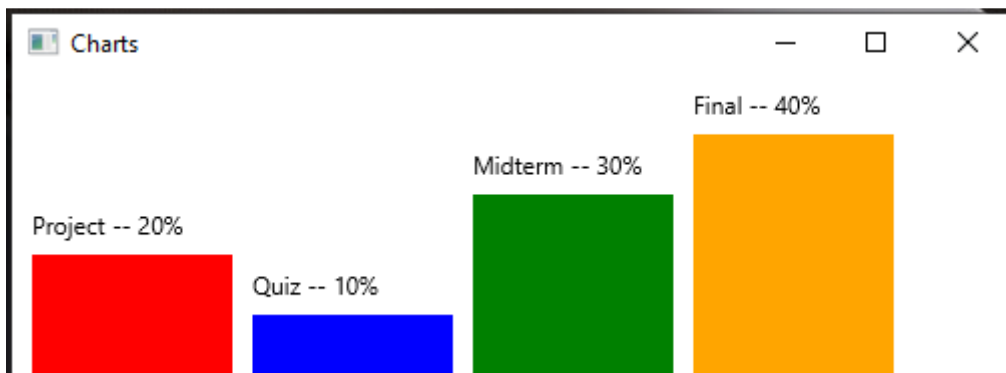
Question1:

Write a program that displays the traffic light as in the figure below:



Question2:

Write a program that uses a bar chart to display the percentages of the overall grade represented by projects, quizzes, midterm exams, and the final exam, as shown in Figure 14.46b. Suppose that projects take **20** percent and are displayed in red, quizzes take **10** percent and are displayed in blue, midterm exams take **30** percent and are displayed in green, and the final exam takes **40** percent and is displayed in orange. Use the **Rectangle** class to display the bars.



Question3:

Write a program that draws two filled circles with radius 15 pixels, centered at random locations, with a line connecting the two circles.

