

Problem 1.

Open images pic1.jpg, pic2.jpg and pic3.jpg and display in separate windows with the names pic1, pic2 and pic3 correspondingly.

Problem 2.

Open the video vid1.mp4 and display it frame by frame in a window named vid1.

Problem 3.

Rescale the image pic1.jpg by 0.5 and display the original image and the rescaled one in separate windows.

Problem 4.

Rescale the video vid1.jpg by 0.5 and display the original video and the rescaled one in separate windows.

Problem 5.

Draw a red filled circle in the middle of the image pic2.jpg. Use an appropriate radius value so that the whole circle is visible. Display the original image and the changed one in separate windows.

Problem 6.

Draw an orange rectangle with thickness 2 on the image pic2.jpg. Use appropriate measures for the rectangle so that the whole rectangle is visible. Display the original image and the changed one in separate windows.

Problem 7.

Draw a line starting from the left lower corner and ending in the right upper corner of the image pic1.jpg. Display the original image and the changed one in separate windows.