1. PROJECT TITLE
-- Expansion of Image Classification Training Data Set Through Image
    Processing/Transformation Using Matlab.

2. PROJECT DESCRIPTION
Four images will be read into the workspace for four common aquarium fish species.
These four species are part of a larger image collection that will be used for
later image classification:
    1-- Siamese Fighting Fish (Betta splendens) The crowntail variety of the fish
    was selected due to its more dramatic fin structure
    2-- Three Spot Gourami (Trichopodus trichopterus)
    3-- Red-tailed Black Shark (Epalzeorhynchos bicolor)
    4-- Tiger Barb (Puntigrus tetrazona)
This assignment will be used to create a means of expanding/refining the training
image data set by creating slight variations (image size standardization, image
flipping, image rotation) in the original images.

3. SET UP:
    1-- Load the file, 'Assignment1.mlx', the needed image files (betta.jpeg,
    gourami.jpeg, redtail_shark.jpeg, tiger_barb.jpeg), and the folder "Output
    Images" into the same folder and make a note of the directory path leading to
    this contents folder.
    2-- Determine the present working directory with the "pwd" command in Matlab
    Command Window. Note the ans = 'result' where 'result' is the current working
    directory.
    3-- In the Matlab Command Window, enter "cd" followed by the directory path
    leading to the contents folder noted in 2.). This will change the current
    working directory to the directory path leading to the contents folder.
    4-- Verify the new present working directory change by retyping "pwd" in the
    Matlab Command Window.

3. PROJECT FOLDER CONTENTS
-- This README.pdf file.
-- "Assignment1.mlx" file.
-- "Assignment1.mlx_version2" file.
-- Four original .jpeg images: betta.jpeg, gourami.jpeg, redtail_shark.jpeg,
    tiger_barb.jpeg
-- "Output_Images" folder