Applying ImageDataGenerator Functionality To Trainset And Testset

The ImageDataGenerator class has three methods **flow (), flow_from_directory (),** and **flow_from_dataframe ()** to read the images from a big numpy array and folders containing images.

flow_from_directory () expects at least one directory under the given directory path.

Task1: Apply **flow_from_directory ()** method for Train folder.

Task 2: Now will apply the flow_from_directory () method for test folder.

- The directory must be set to the path where your training folders are present.
- The target_size is the size of your input images, every image will be resized to this size.
- batch_size: No. of images to be yielded from the generator per batch.
- "batch_size" in both train and test generators is to some number that divides your total number of images in your train set and train set respectively.
- class_mode: Set "binary" if you have only two classes to predict, if not set to "categorical".