**Face Recognition program code in Python**  
  
  
This program generates the face recognition system of images by comparing the input image on the bases of already recognized images in the corpus. I imported Built-in library “ os ” which is used for reading the image collection where as “face\_recognition” is used for writing algorithm.  
Then I make list of images to identify the path of all images in the collection. Once the images are executed, the new “my\_image” is loaded for the purpose of recognition by comparing it with the images collection. The loaded new image then be encoded to convert into feature vector to make sure that algorithm is able to interpret the image. Then I placed the for loop for checking and comparing the “my\_image” with all the other images in the corpus.   
If it matched with any of the images, it prints “Found” where as if it doesn’t match with any of the image it’ll print “Not Found”