1. I made 5 folders with 5 different sport person names. After that I downloaded  images from google and saved to that particular folder.
2. Preprocessing: Detect face and eyes:using haar cascade from opencv face and eyes are detected.
3. Preprocessing: Crop the facial region of the image
4. Preprocessing: Use wavelet transform as a feature for traning my model .In wavelet transformed image, i can see edges clearly and that can give us clues on various facial features such as eyes, nose, lips etc
5. Preprocessing: Load image, detect face. If eyes >=2, then save and crop the face region. Go through all images in dataset folder and create cropped images for them. There will be cropped folder inside dataset folder after I run the code
6. Now I should have cropped folder under datasets folder that contains cropped images Manually examine cropped folder and delete any unwanted images
7. Images in cropped folder can be used for model training. We will use these raw images along with wavelet transformed images to train my classifier.
8. i use GridSearch to try out different models with different paramets. Goal is to come up with best modle with best fine tuned parameters
9. finally I Saved the trained model and class dictionary