[ ] output = !CUDA\_VISIBLE\_DEVICES=0 python3 demo.py \

```
--Transformation TPS --FeatureExtraction ResNet --SequenceModeling BiLSTM --Prediction Attn \setminus
    --image_folder demo_image/ \
    --saved_model TPS-ResNet-BiLSTM-Attn.pth
[ ] from IPython.core.display import display, HTML
    from PIL import Image
    import base64
    import io
    import pandas as pd
    data = pd.DataFrame()
    for ind, row in enumerate(output[output.index('image_path
                                                                         \tpredicted_labels
                                                                                                    \tconfidence
      row = row.split('\t')
      filename = row[0].strip()
      label = row[1].strip()
      conf = row[2].strip()
      img = Image.open(filename)
      img_buffer = io.BytesIO()
      img.save(img_buffer, format="PNG")
      imgStr = base64.b64encode(img_buffer.getvalue()).decode("utf-8")
      data.loc[ind, 'img'] = '<img src="data:image/png;base64,{0:s}">'.format(imgStr)
      data.loc[ind, 'id'] = filename
      data.loc[ind, 'label'] = label
      data.loc[ind, 'conf'] = conf
    html_all = data.to_html(escape=False)
    display(HTML(html_all))
                                                                           img
                                                                                                   id
                                                                                                            labe
     0
                                                                                demo_image/demo_1.png
                                                                                                          availab
     1
                                                                                 demo_image/demo_2.jpg shakeshad
                                                                                 demo_image/demo_3.png
                                                                                                           londc
                                      Greenstead
     3
                                                                                demo_image/demo_4.png greenstea
                                                                                 demo_image/demo_5.png
                                                                                                             toa
     5
                                                                                 demo_image/demo_6.png
                                                 undergroun
                                                                                 demo_image/demo_7.png undergrour
                                                                                 demo_image/demo_8.jpg
                                                                                                           ronalc
                                                                                 demo_image/demo_9.jpg
                                                                                                             bal
```