Your responses from the first section of the homework.

True Positives (TP): 26

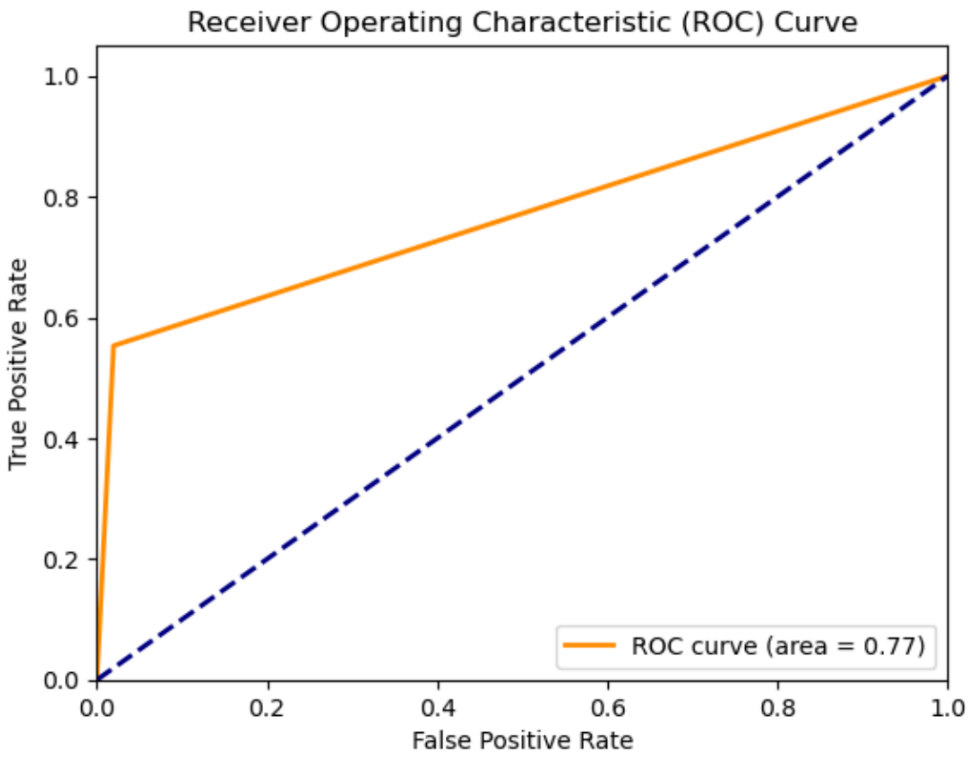
False Positives (FP): 3

True Negatives (TN): 150

False Negatives (FN): 21

Precision: 0.9

Recall: 0.55



ROC-AUC=0.77

```
Minimum False Positive Rate: 1.0
```

Your target image class (i.e. what are you trying to recognize)

- We are training the model on an apple vs. non-apple dataset.
- We are recognizing whether the given image is an apple or not.

Number of parameters in your model.

```
Model: "sequential_2"
_________________________________________________________________
 Layer (type)                Output Shape              Param #
=================================================================
 conv2d_6 (Conv2D)           (None, 98, 98, 32)        320

 max_pooling2d_4 (MaxPoolin  (None, 49, 49, 32)        0
 g2D)

 conv2d_7 (Conv2D)           (None, 47, 47, 64)        18496

 max_pooling2d_5 (MaxPoolin  (None, 23, 23, 64)        0
 g2D)

 conv2d_8 (Conv2D)           (None, 21, 21, 128)       73856

 max_pooling2d_6 (MaxPoolin  (None, 10, 10, 128)       0
 g2D)

 flatten_2 (Flatten)         (None, 12800)             0

 dense_4 (Dense)             (None, 128)               1638528

 dense_5 (Dense)             (None, 1)                 129

=================================================================
Total params: 1731329 (6.60 MB)
Trainable params: 1731329 (6.60 MB)
Non-trainable params: 0 (0.00 Byte)
```

Total Parameters : 1731329

Training and testing accuracy on your dataset.

Training Accuracy : 80%

Testing Accuracy : 69%

Number of positive and negative images in your dataset

Number of Positive Images (Apple) : 5

Number of Negative Images (Non Apple) :5