```python
In [7]:   # First convolution layer and pooling
          model.add(Convolution2D(32, (3, 3), input_shape=(64, 64, 1), activation='relu'))
          model.add(MaxPooling2D(pool_size=(2, 2)))
```

```python
In [8]:   # Second convolution layer and pooling
          model.add(Convolution2D(32, (3, 3), activation='relu'))
          # input_shape is going to be the pooled feature maps from the previous convolution layer
          model.add(MaxPooling2D(pool_size=(2,2)))
```

```python
In [9]:   # Flattening the layers i.e. input layer
          model.add(Flatten())
```