



```
base_model = keras.applications.ResNet50(  
    weights="imagenet",  
    input_shape = (150,150,3),  
    include_top = False,  
)  
base_model.trainable = False
```

```
[14] inputs = keras.Input(shape = (150,150,3))  
     x = tf.keras.applications.xception.preprocess_input(inputs)  
     x = base_model(x, training=False)  
     x = keras.layers.GlobalAveragePooling2D()(x)  
     x = keras.layers.Dropout(0.2)(x)  
     outputs = keras.layers.Dense(1)(x)  
     model = keras.Model(inputs,outputs)
```