

Test the model

Evaluation is a process during development of the model to check whether the model is best fit for the given problem and corresponding data

```
In [24]: index=['0','1','2','3','4','5']  
result=str(index[pred[0]])  
result
```

```
Out[24]: '3'
```

```
In [23]: img = image.load_img(r"C:\Manisha\3.jpg", grayscale=True, target_size= (54,64))  
x = image.img_to_array(img)  
x = np.expand_dims(x,axis = 0)  
pred = model.predict_classes(x)  
pred
```

```
Out[23]: array([3], dtype=int64)
```

```
In [16]: from tensorflow.keras.models import load_model  
from keras.preprocessing import image  
model = load_model("gesture.h5")
```