Test the Model

Team ID	PNT2022TMID33008
Project Name	Project - AI-Powered Nutrition Analyzer for Fitness enthusiasts

Predicting our results

```python
from tensorflow.keras.models import load_model
from tensorflow.keras.preprocessing import image
import numpy as np
```

```python
img = image.load_img("/content/drive/MyDrive/Dataset/TRAIN_SET/PINEAPPLE/120_100.jpg",target_size= (64,64))#loading of the image
img
```

```python
x=image.img_to_array(img)#conversion image into array
```

```python
x
```

```python
x=np.expand_dims(x,axis=0) #expand the dimension
```

```python
x.ndim
```

```python
pred = model.predict(x)
```

```python
pred
```

```python
labels=['APPLES', 'BANANA', 'ORANGE','PINEAPPLE','WATERMELON']
labels[np.argmax(pred)]
```

```
'PINEAPPLE'
```