Team ID	PNT2022TMID52603
Project Name	A Novel Method for Handwritten Digit Recognition System

Test with Saved model:

TESTING THE SAVED MODEL

In [18]:
```python
from keras import models
from keras.models import load_model
```

In [19]:
```python
model=load_model("MNIST_model.h5")
```

In [20]:
```python
from keras.preprocessing import image
```

In [21]:
```python
img = Image.open("sample.jpg").convert("L")
img = img.resize((28, 28))
img2arr = np.array(img)
img2arr = img2arr.reshape(1, 28, 28, 1)
results  = model.predict(img2arr)
results = np.argmax(results,axis = 1)
results = pd.Series(results,name="Label")
print(results)
```

```
1/1 [==============================] - 0s 172ms/step
0    5
Name: Label, dtype: int64
```