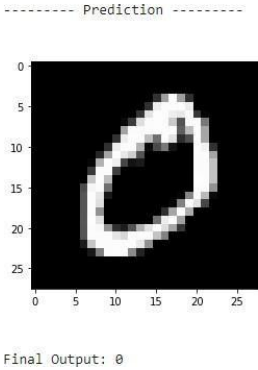



**Project Development Phase
Performance Test**

Date	15 November 2022
Team ID	PNT2022TMID47831
Project Name	Project – A novel method for handwritten digit recognition
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Model Summary	Loss: 0.0181 Val_loss:0.1560	

2.	Accuracy	Training Accuracy - 97.87 Validation Accuracy -95.48	 <pre>Epoch 1/10 1075/1075 [=====] - 107s 10ms/step - loss: 0.1940 - accuracy: 0.9784 - val_loss: 0.8018 - val_accuracy: 0.9740 Epoch 2/10 1075/1075 [=====] - 106s 10ms/step - loss: 0.8074 - accuracy: 0.9795 - val_loss: 0.8754 - val_accuracy: 0.9776 Epoch 3/10 1075/1075 [=====] - 106s 99ms/step - loss: 0.8445 - accuracy: 0.9804 - val_loss: 0.8612 - val_accuracy: 0.9771 Epoch 4/10 1075/1075 [=====] - 107s 10ms/step - loss: 0.8331 - accuracy: 0.9800 - val_loss: 0.8698 - val_accuracy: 0.9768 Epoch 5/10 1075/1075 [=====] - 107s 10ms/step - loss: 0.8358 - accuracy: 0.9810 - val_loss: 0.1040 - val_accuracy: 0.9763 Epoch 6/10 1075/1075 [=====] - 107s 10ms/step - loss: 0.8318 - accuracy: 0.9835 - val_loss: 0.1145 - val_accuracy: 0.9764 Epoch 7/10 1075/1075 [=====] - 107s 10ms/step - loss: 0.8170 - accuracy: 0.9846 - val_loss: 0.1104 - val_accuracy: 0.9769 (keras.callbacks.History at 0x74aceeb0b0)</pre>
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