

IMPORTING THE REQUIRED LIBRARIES

Team ID	PNT2022TMID50703
Project Name	A Novel Method for Handwritten Digit Recognition System

Importing the required libraries:

```
import numpy
import tensorflow
from tensorflow.keras.datasets import mnist
from tensorflow.keras.models import Sequential
from tensorflow.keras import layers
from tensorflow.keras.layers import Dense, Flatten
from tensorflow.keras.layers import Conv2D
from keras.optimizers import Adam
from keras.utils import np_utils
import matplotlib.pyplot as plt
```

- Importing the required libraries which are required for the model to run.
- The dataset for this model is imported from the Keras module.
- The dataset contains ten classes: Digits from 0-9.