Date	26 November 2022
Team ID	PNT2022TMID39129
Project Name	A Novel Method For Handwritten Digit Recognition System
Maximum marks	2 Marks

PROBLEM STATEMENT

To identify the letters of the sentence written by the user in their devices and to convert the handwritten text into digital format.

What does this problem focus on?	The generative models can perform recognition driven segmentation. The method involves a relatively small number of parameter and hence training is relatively easy and fast.
When does this occur?	This matter occurs when written by hand digits are not necessarily always of typically the same size, thickness, orientation and validated to margins since they differ coming from writing of personal to individual.
Why do we need this?	Automating these tasks removes the need for human effort which is error prone in performing these kind of tedious works and improves speed as well as efficiency.
How to do this?	Unlike many other recognition schemes, it does not rely on some form of pre-normalization of input images, but can handle arbitrary scalings, translations and a limited degree of image rotation.
Where it is used?	The digit recognization system is used in postal mail sorting, bank check processing, form data entry.