**Task 2: Online Signature Verification**

* 1. **Code file name:** Velocity

**Description:** it derives the direction, velocity and acceleration components along

x and y axes from the raw data.

**Input File:** U1S7.txt

**Output:** Displayed on Consol.

1.2 **Code file name:** Online\_Signature\_Ver

**Description:** it converts a given sequence of signature points to a string and computes the minimum edit distance between two given signature sequences.

**Steps:**

1. Read Signature files.
2. Represent signature as a string. It includes storing the values for X and Y coordinates, calculating the string of X and Y coordinates of the signature. Finally, merging them in a single string array.
3. Calculate minimum edit distance.

**Input File:** U1S7.txt and U1S1.txt.

**Output:** Displayed on Consol.