**SIGN LANGUAGE IDEATION WALKTHROUGH**

The data is collected from ISL\_CSLRT\_Corpus which contains the videos and images based on the Sign Language used in India.

Then I have performed a visualization of random videos from various sub-folders and used displayed the first frame to check wheter I the videos can be read via python.

Now as we have too many sub-folders and videos I decided to chose only 20 frames with regular intervals from first frame to last frame due computational cost. You can test with higher number frames if you wish

For classification purpose I am planning to use Transfer Learning along with LSTM

After the completion of the model Iwould like to use the webcam and then collect the gesture for real-world gestures and collected the predicted results for NLP work.

Finally I would add choice based (language) text to speech recognition as per the user demand.

