

A. then would be possible in languages such

[Linguistics](#), [Language](#)



A.

Python Python is a general purpose highlevel programming language. It emphasis on code readability and its syntaxallows programmers to express concepts in fewer lines of code then would bepossible in languages such as

C. 2 B. Web Cam We have used two megapixel web camera for capturingframes.

III. MOTIVATION The concept of hand gesture recognition has manyapplications include: automated homes, sign language translation, mouse controlling, gaming interface, robot control, medical systems etc. They are as follows: 1) Robot Control Controlling the robot using gestures considered as one ofthe interesting applications in this field proposed a system that uses thenumbering to count the five fingers for controlling a robot using hand posesigns.

The orders are given to the robot to perform a particular task , where each sign has a specific meaningand represents different function for e. g , " one" means " move forward", " five" means " move backward", and so on. 2)

Sign language The sign language isused for interpreting and explanations of a certain subject during the conversation, so it hasreceived special attention.

A lot of systems have been proposed to recognize gesturesusing different types of sign languages. 3) Numbers Recognition Wecan generate numbers using hand gesture which are useful in many cases. We use thatnumbers to operate other devices and systems4. 4) Mouse Controlling Now-a-days, Handgesture recognition is used in the field of and computer

and information technology. With some gestures, we can control mouse cursor. 5) Gaming Interface Many gaming technologies are using hand gesture recognition for better and easy gaming experience.