# SPEECH TO TEXT – NO NEED TO WRITE - 02

Hey everyone as you saw shubudha struggling with the lyrics of the Punjabi song. Here i am to help her through python, through coding. You must be surprise how can we do it. In python there are many state of the art technologies one of them is speech recognition, speech recognition is an apn that has been provided to us by goggle. In this particular library it will just convert the audio file that you supply to text, it will convert the audio file to text so it will be easier for shubudha to by heart the lyrics then and improve on her dancing skills. So first of all how can you install it? Yes you first need to install it, you just use the command sudo pip install speech recognition, you just go to your terminal and type sudo pip install speech recognition it will ask you the password and then it will be downloaded to your pc, so it is very easy to install this particular library that is speech recognition. You just need to type on your terminal sudo pip install speech recognition and then there are many steps involved here to i will just you to create the audio file with the help of your microphone as i did just now. As i am Punjabi i know Punjabi so i just spoked the words of the song in microphone and recorded  the file then i converted that particular file to dot wav extension, yes whatever you record whatever you need to convert to text u need to convert that particular audio file to dot wav extension, i repeat this is very necessary speech recognition only works on dot wav extension files, you must have recorded the files and it maybe in dot wp4 and any other extension but if it is not on wav extension you need to convert it into wav extension so first of all you have to create and audio file with the help of your microphone and then you need to convert it into wav extension. Wav extension your audio file can be convert it into wav extension online, there are many sources that are readily available, you can easily convert your audio file into wav extension so basically what's steps are involved here, first of all you have to install speech recognition, i repeat you have to install speech recognition with this particular command that is pip install speech recognition after that you have to create an audio file with the help of your microphone. Whatever you need to convert it to text and then you have to convert this particular audio file to dot wav extension these are the three steps that are involved here, first of all you need to do these three steps and then you will program. So let us do this three steps and program.