CRAZY CHATBOT

This document is a self-reflection task from the IIEC community training in “Python for datascience” wherein we come to know a lot of internals of the python and it’s libraries used in datascience and also flask for full stack development.

This chatbot is a simple python script which gives an experience of chatting with a live chatbot which asks for input from the user and capable of responding according to the commands given by the client but it is only confined to the windows based commands. Several libraries of the python have been used in the script which includes “os” module which helps the python to run the operating system based commands like the chrome and notepad. Several modules like “pyttsx3” has also been used which helps the python to interact more with the user by actually talking to the client. The “pyttsx3.speak” function lets python do so. Just as limited to the programs installed in my OS , I’ve tried to add maximum features possible which includes chrome , notepad , virtualbox , git , putty (remote SSH program) , WinSCP (remote SCP program) and will integrate further in the future. The various concepts of writing a code in python like “input” function which asks input from the user , “while” loop which makes the program run infinite number of times unless stopped manually and “if” and “else” conditional statements that help in running the desired programs according to the condition specified by the client.

Here are some of the outputs from the python script ;







