**Assignment No : 7**

import nltk

from nltk.chat.util import Chat, reflections

chatbot\_responses = [

["hi|hello|hey", ["Hello!", "Hi there!", "Hey!"]],

["what is your name?", ["I'm a basic chatbot.", "You can call me ChatBot."]], ["how are you?", ["I'm just a program, but thanks for asking!"]],

["what is your purpose?", ["I'm here to assist you with basic information."]], ["bye|goodbye", ["Goodbye! Have a great day.", "See you later!"]],

]

chatbot = Chat(chatbot\_responses, reflections)

print("Hello! I'm your chatbot. You can start chatting with me. Type 'quit' to exit.") while True:

user\_input = input("You: ")

if user\_input.lower() == 'quit':

break

response = chatbot.respond(user\_input)

print("ChatBot: " + response)

output:

