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	Assignment - 08 [AIES]
*	Tittle:
	Implement a chat bot using techniques of Natural language processing
*	Aim:
	danguage processing (NIP) libraries
*	Objective:
	write a program in c/c++/Python to create a chatbot using various NIP libraries.
*	Theory:
	Natural Language Processing (NLP)
	- MIL & a Tield of Trumas Trumas
- 32 1/2	that focuses on the interaction of computers
	- It involves enabling computer to understand,
	interpret and generate human language
	in a way that is valuable.
	- NIP combines techniques from linguistics,
	amounds of natural language data.
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Page No.:-(ii) NIP libraries - NLTK (Natural language tool kit)

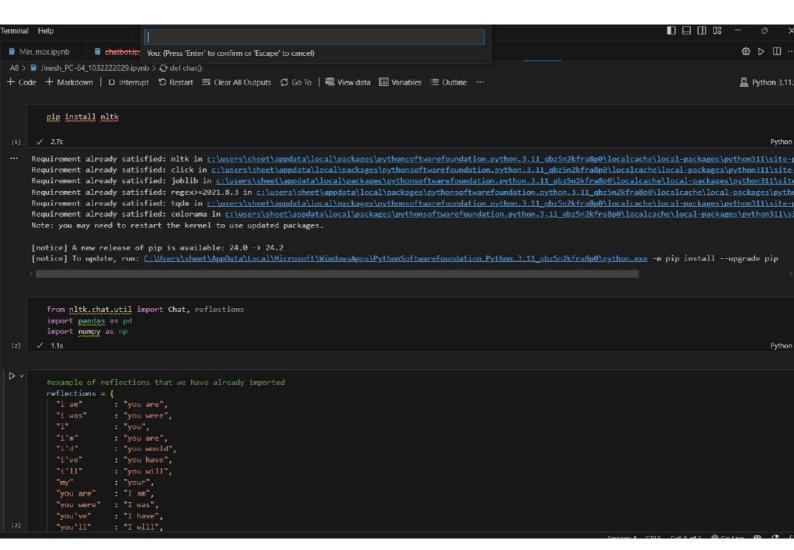
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A fast and efficient library - Transformers (by hugging face) - Rasa - AllenNIP - Chatterbot - Tentblob \* Input User data \* Output working chatbot \* Platform Windows / Linux + Conclusion learned the concept of NIP and created a chatbot mynotes

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*	FAGS:
<i>G</i> 1.	What is NLP.
<b>→</b>	NIP is the branch of artificial intelligence
	that focuses on enabling computers to understand interpret and generate human language.
	Key Components of NIT:
	- Tokenisation
	- Part of Speech (POS)
	- Named Entity Recognition - Sentiment Analysis
	- Machine Translation.
	- Tent summarization
(9.2	
	a chalbot
<i>→</i>	- Understanding Content and Ambiguity - Handling complex conversations
	- Natural language understanding limitations - Training data and domain knowledge
7.5.4W (1)	- Handling unexpected inputs
	- trior handling and recovery.



	(Fagrice)
g.3.	Uses of chat bot in various domains
$\rightarrow$	- Customer service and suggest
	- Health care
	- E commerce and retail
	- Banking and finance
	- Travel and hospitality
	f Education.
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[r*Now ald are you\??*, ["I'm just a computer program, so I don't have an age!"]],

# Asking for the purpose of the bot
[r*Notat is your purpose\??*, ["My purpose is to assist you with any questions or tasks you have!"]],

# Asking for help
[r*Can you help me\??*, ["Of course! What do you need help with?"]],

# Expressing gratitude
[r*thank you[thanks', ["You're welcome!", "No problem."]],

# Asking for more information
[r*title me more", ["Sure! What would you like to know more about?"]],

# Requesting to quit the conversation
[r*quit]estilgoodbys", ["Goodbye! Have a great day!", "See you later!"]],

# Fallback response for unknown questions
[r*.**, ["I'm not sure ! understand. Can you please rephrase or ask something else?"]],

# Asking for the meaning of life
[r*shat is the meaning of life (pr*shat is the meaning of life is subjective and can vary from person to person."]],

# Asking about favorite books
[r*uhat's your favorite books]?", ["As a bot, I don't read, but I'we heard '1980' by George Orwell is a classic."]],

# Asking about favorite music
[r*uhat kind of susis do you like\??", ["I don't have personal preferences, but I can recommend strong the recommendations
[r*can you recommend at reveal destination\??", ["One popular travel destination is Paris, known as the city of Love."]],

# Asking about favorite music
[r*do you docem\??", "I'm just a bot, so I don't dream like humans do."]],

# Asking about favorite mosics
[r*do you docem\??", "I'm just a bot, so I don't dream like humans do."]],

# Asking about favorite mosics
[r*do you docem\??", "I'm just a bot, so I don't watch movies, but 'The hatrix' is often recommended."]],

# Asking about favorite mosics
[r*do you bave a provite food\??", ["I don't watch movies, but 'The Matrix' is often recommended."]],

# Asking about favorite mosics
[r*do you bave a favorite mosics\?", ["I don't watch movies, but many people enjoy soccer."]],

# Asking about favorite sports
[r*do you bave a favorite quots
[r*do you have a favorite quots
[r*do you have a favorit
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