	Rohit Kulkarni 41346 Page No.: Page No.: Vouva
	AIR ASSIGNMENT 2
	TITLE: Elementary Chatbot
	PROBLEM STATEMENT: Develop elementary chatbot for suggesting investments as per the customer's need.
7	OBJECTIVES: To develop a basic chathof to recommend the investments.
	OUT COMES: Develop chatbot for investment.
	SIW & HIW REQUIREMENTS: NITK, python3, 8 GB RAM, 64 bit OS UNIX/LINUX.
- j	THEORY: A chatbot is a software application used to conduct an obline chat conversation via text or text-to-speech in a line of providing direct contact with a live human agent. They are designed to convincingly simulate the way a human would have as a conversational partner. In order to successfully do the above,
	Understand the farget audience. Understand the natural language in which communication occurs. Understand the intent of crustomer. Come up with responses that can answer the user & give further dues.

in Nete (natural language doolkit) is a platform for with human language to work with human language holding python programs to work with human language holding python programs to we interfaces like text processing. It includes easy to use interfaces like text processing libraries (classification stemming, to benization, togging, libraries (classification stemming, parsing) semantic reasoning, parsing semantic reasoning, parsing simplifies building conversational engines by providing simplifies building conversational engines by providing a generic transework. The libraries are imported from nite chat will & include chat class & reflections chase.
The chat class processes the conversion between the user & chatbot. (3) 'Reflections' is a dictionary, that when a value in a regex group matches a key in the dictionary, it will output the value in the response.
De list item in the pair is the pattern which can be a string or a regular expression
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15	Contract to the contract to th
The state of the s	The next item is a list of possible responses. Chat will randomly select a response if the pattern matches the
100	The default con user input
NI	We char along the series
	custom defined 'pairs' variable alongwith the
	predefined reflections dictoronary on calling the 'converse' mothod of the chat class the chatbot is automated.
	CONCLUSION:
	Elementary chatbot that gives investment
	recommendations was successfully implemented.