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import nltk
from nltk.chat.util import Chat, reflections
reflections = {
    "i am"      : "you are",
    "i was"     : "you were",
    "i"         : "you",
    "i'm"       : "you are",
    "i'd"       : "you would",
    "i've"      : "you have",
    "i'll"      : "you will",
    "my"        : "your",
    "you are"   : "I am",
    "you were"  : "I was",
    "you've"    : "I have",
    "you'll"    : "I will",
    "your"      : "my",
    "yours"     : "mine",
    "you"       : "me",
    "me"        : "you"
}
pairs = [
    [
        r"Hi|Hey|Hello",
        ["Hello", "Hey there",]
    ],
    [
        r"Do you have some fresh fruits in your grocery shop?|Do you have fresh fruits?",
        ["Yes.",]
    ],
    [
        r"Which fruits do you have?|Which types of fruits can I get?",
        ["Mango,Papaya,Strawberry,Banana and lot more",]
    ],
    [
        r"What's the price of these?|How much do these fruits cost?",
        ["Mango-Rs100/kg,Papaya-Rs40 per nos,Strawberry-Rs100/pack,Banana-Rs60/6",]
    ],
    [
        r"I would like to buy mangoes 2kg|I want 2kg mangoes",
        ["Ok.Send me the address to deliver and contact number too.",]
    ],
    [
        r"Pune,Maharashtra.Contact number -123456789",

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        ["Your order has been booked and will be delivered today.Thanky
ou for shopping with us.Visit again!"],]
    ],

]
def chat():
    print("Hi! I am here for your service")
    chat = Chat(pairs, reflections)
    chat.converse()
#initiate the conversation
if __name__ == "__main__":
    chat()

```

OUTPUT

The screenshot shows a Google Colab notebook titled 'chatbot.ipynb'. The notebook is running a Python script that implements a simple chatbot. The chatbot's conversation history is displayed on the left side of the interface, and the user's input and the chatbot's response are shown in the main text area on the right.

Chat History:

- ... Hi! I am here for your service
- >Hey
- Hey there
- >Do you have some fresh fruits in your grocery shop?
- Yes.
- >Do you have fresh fruits?
- Yes.
- >Which fruits do you have?
- Mango,Papaya,Strawberry,Banana and lot more
- >Which types of fruits can I get?
- Mango,Papaya,Strawberry,Banana and lot more
- >What's the price of these?
- Mango-Rs100/kg,Papaya-Rs40 per nos,Strawberry-Rs100/pack,Banana-Rs60/6
- >How much do these fruits cost?
- Mango-Rs100/kg,Papaya-Rs40 per nos,Strawberry-Rs100/pack,Banana-Rs60/6
- >I would like to buy mangoes 2kg
- Ok.Send me the address to deliver and contact number too.
- >I want 2kg mangoes
- Ok.Send me the address to deliver and contact number too.
- >Pune,Maharashtra.Contact number -123456789
- Your order has been booked and will be delivered today.Thankyou for shopping with us.Visit again!
- >

Input/Output:

The input field shows a user asking for an address and contact number. The chatbot's response is a confirmation message: "Your order has been booked and will be delivered today.Thankyou for shopping with us.Visit again!".

The status bar at the bottom indicates that the code is executing, with a message: "Executing (3m 4s) <cell line: 55> > chat() > converse() > raw_input() > _input_request() > select()".