

```
import nltk
from nltk.chat.util import Chat, reflections

# Define patterns and responses
pairs = [
    [
        r"hi|hello|hey",
        ["Hello!", "Hi there!", "Hey! How can I help you today?"]
    ],
    [
        r"how are you|how's it going",
        ["I'm just a chatbot, but I'm here to assist you!", "I'm doing well. How about you?"]
    ],
    [
        r"quit|exit",
        ["Goodbye!", "Bye! Have a great day!"]
    ]
]
```

```
# Create a chatbot
chatbot = Chat(pairs, reflections)
```

```
# Start the chat
print("Hello! I'm your chatbot. Type 'quit' to exit.")
chatbot.converse()
```