

```
1 import nltk
2 from nltk.chat.util import Chat, reflections
3
4 pairs = [
5     [
6         r"my name is (.*)",
7         ["Hello %1, How are you today?"]
8     ],
9     [
10        r"hi|hey|hello",
11        ["Hello", "Hey there"]
12    ],
13    [
14        r"what is your name?",
15        ["I am a chatbot. You can call me ChatGPT."]
16    ],
17    [
18        r"how are you ?",
19        ["I'm doing good. How about you?"]
20    ],
21    [
22        r"sorry (.*)",
23        ["No problem", "Don't worry"]
24    ],
25    [
26        r"quit",
27        ["Bye! Take care."]
28    ],
29 ]
30
31 def chatbot():
32     print("Hello! I'm ChatGPT. How can I assist you
    today?")
33     chat = Chat(pairs, reflections)
34     chat.converse()
35
36 if __name__ == "__main__":
37     nltk.download("punkt")
38     chatbot()
39
```