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Assignment 5: 5. Develop an elementary chatbot for any suitable customer interaction application.

Code:

import nltk

from nltk.chat.util import Chat, reflections

pairs=[

    #

    [

        r"my name is (.)",

        ["Hello %1, How are you"]

    ],

    # Or expression

    [

        r"Hi|Hello|Hey there|Hola",

        ["Hello my name is Hiesenberg"]

    ],

    [

        r"what is your name ?",

        ["I am a bot created by Heisenbergwhat. you can call me crazy!",]

    ],

    [

        r"how are you ?",

        ["I'm doing good How about You ?",]

    ],

    [

        r"sorry (.\*)",

        ["Its alright","Its OK, never mind",]

    ],

    [

        r"I am fine",

        ["Great to hear that, How can I help you?",]

    ],

    [

        r"I (.\*) good",

        ["Nice to hear that","How can I help you?:)",]

    ],

    [

        r"(.\*) age?",

        ["I'm a computer program dude Seriously you are asking me this?",]

    ],

    [

        r"what (.\*) want ?",

        ["Make me an offer I can't refuse",]

    ],

    [

        r"(.\*) created ?",

        ["Raghav created me using Python's NLTK library ","top secret ;)",]

    ],

    [

        r"(.\*) (location|city) ?",

        ['Indore, Madhya Pradesh',]

    ],

    [

        r"how is weather in (.\*)?",

        ["Weather in %1 is awesome like always","Too hot man here in %1","Too cold man here in %1","Never even heard about %1"]

    ],

    [

        r"i work in (.\*)?",

        ["%1 is an Amazing company, I have heard about it. But they are in huge loss these days.",]

    ],

    [

        r"(.\*)raining in (.\*)",

        ["No rain since last week here in %2","Damn its raining too much here in %2"]

    ],

    [

        r"how (.\*) health(.\*)",

        ["I'm a computer program, so I'm always healthy ",]

    ],

    [

        r"(.\*) (sports|game) ?",

        ["I'm a very big fan of Football",]

    ],

    [

        r"who (.\*) sportsperson ?",

        ["Messy","Ronaldo","Roony"]

    ],

    [

        r"who (.\*) (moviestar|actor)?",

        ["Brad Pitt"]

    ],

    [

        r"i am looking for online guides and courses to learn data science, can you suggest?",

        ["Crazy\_Tech has many great articles with each step explanation along with code, you can explore"]

    ],

    [

        r"quit",

        ["Thank you for using our intelligence services"]

    ],

]

def chat():

    print("Hey there! I am Heisenberg at your service")

    chat = Chat(pairs)

    chat.converse()

if \_\_name\_\_== "\_\_main\_\_":

    chat()

output:

