

```

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()
```