

```

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()
```