

In []: **from** nltk.chat.util **import** Chat, reflections

```

pairs = [
    [
        r"my name is (.*)",
        ["Hello %1, How are you today ?"],
    ],
    [
        r"what is your name ?",
        ["My name is RSCOE and I'm a chatbot ?"],
    ],
    [
        r"how are you ?",
        ["I'm doing good\nHow about You ?"],
    ],
    [
        r"sorry (.*)",
        ["Its alright", "Its OK, never mind"],
    ],
    [
        r"i'm (.*) doing good",
        ["Nice to hear that", "Alright :"),
    ],
    [
        r"hi|hey|hello",
        ["Hello", "Hey there"],
    ],
    [
        r"(.*) age?",
        ["I'm a computer program dude\nSeriously you are asking me this?"],
    ],
    [
        r"what (.*) want ?",
        ["Make me an offer I can't refuse"],
    ],
    [
        r"(.*) created ?",
        ["Nagesh created me using Python's NLTK library ", "top secret ;"),
    ],
    [
        r"(.*) (location|city) ?",
        ['Chennai, Tamil Nadu'],
    ],
    [
        r"how is weather in (.*)?",
        ["Weather in %1 is awesome like always", "Too hot man here in %1", "Too cold man here in %1", "N
    ],
    [
        r"i work in (.*)?",
        ["%1 is an Amazing company, I have heard about it. But they are in huge loss these days."],
    ]
]

def BOT():
    print("Hi, I'm ChattyBOT and I chat alot ;)\nPlease type lowercase English language to start a convers
    chat = Chat(pairs, reflections)
    chat.converse()

```

```
if __name__ == "__main__":  
    BOT()
```

Hi, I'm ChattyBOT and I chat alot ;)

Please type lowercase English language to start a conversation. Type quit to leave

Hello

rscoe is an Amazing company, I have heard about it. But they are in huge loss these days.

None

Never even heard about pune now?

None

```
reflections = { "i am" : "you are", "i was" : "you were", "i" : "you", "i'm" : "you are", "i'd" : "you  
would", "i've" : "you have", "i'll" : "you will", "my" : "your", "you are" : "I am", "you were" : "I  
was", "you've" : "I have", "you'll" : "I will", "your" : "my", "yours" : "mine", "you" : "me", "me" :  
"you" }
```

```
my_dummy_reflections= { "go" : "gone", "hello" : "hey there" }link text \(https://\)
```

In []: