```
pip install nltk
```

```
Requirement already satisfied: nltk in /usr/local/lib/python3.7/dist-packages (3.2.5)
Requirement already satisfied: six in /usr/local/lib/python3.7/dist-packages (from nl
```

```
import nltk
from nltk.chat.util import Chat, reflections

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"
}


pairs = [
    [
        r"my name is (.*)",
        ["Hello %1, My Name is Chat Bot \n I can Provide you the Practicals of LP II Pleas
    ],
    [
        r"hi|hey|hello",
        ["Hello", "Hey there",]
    ],
    [
        r"what is your name ?",
        ["My Name is All Knowing Nigga",]
    ],
    [
        r"how are you ?",
        ["I'm doing good How about You ?",]
    ],
    [
        r"I am fine|im fine",
        ["Glad to hear that !!!",]
    ],
    [
        r"How many Practicals are there ?|How many Practicals|Total Practicals",
        ["There are total 4 Practicals of LP II Until now ,\n Specify the Number or Name t
```

```
        ],
        [
            r"Practical 1|Practical1|BFS|DFS|BFS DFS|1",
            ["Write-up : https://drive.google.com/file/d/1at53ZEn32fScab9XrPnenA-8a8bYUin4/vie
        ],
        [
            r"Practical 2|Practical2|A Star|2",
            ["Write-up : https://drive.google.com/file/d/1gmVf-XwpZfTIdbFjHd2w9Sl7eQRO_Iq9/vie
        ],
        [
            r"Practical 3| Practical3|Greedy Search|Selection Sort|Prims|Kruskal|3",
            ["Write-up : https://drive.google.com/file/d/1UJ9CXBeSyicg4qaeDeeeXRJkTayqdc1T/vie
        ],
        [
            r"Practical 4|Practical4|N Queen|NQueen|4",
            ["Write-up : https://drive.google.com/file/d/1-ZXbJSrjdISnjYuPm7Clz20y28bbTu99/vie
        ],
        [
            r"quit",
            ["Bye take care. See you soon :) ","It was nice talking to you. See you soon :)"]
        ],
    ]


def chat():
    print("Hi! I am a chatbot who wants Freedom (Sike its me Eren Jeager!!)")
    chat = Chat(pairs, reflections)
    chat.converse()
if __name__ == "__main__":
    chat()

     Hi! I am a chatbot who wants Freedom (Sike its me Eren Jeager!!)
     >Hi
     Hello
     >How are you
     I'm doing good How about You ?
     >I am fine
     Glad to hear that !!!
     >How many Practicals are there ?
     There are total 4 Practicals of LP II Until now ,
      Specify the Number or Name to get Write-ups and Code
     >My name is Mayur
     Hello mayur, My Name is Chat Bot
      I can Provide you the Practicals of LP II Please Specify the Practical Number or Nam
     >Total Practicals
     There are total 4 Practicals of LP II Until now ,
      Specify the Number or Name to get Write-ups and Code
     >1
     Write-up : https://drive.google.com/file/d/1at53ZEn32fScab9XrPnenA-8a8bYUin4/view?us
      Code : https://colab.research.google.com/drive/13oxrekLvUn4hs73HbYBb-gZgOLe2eWFu?us
     >Practical 1
     Write-up : https://drive.google.com/file/d/1at53ZEn32fScab9XrPnenA-8a8bYUin4/view?us
      Code : https://colab.research.google.com/drive/13oxrekLvUn4hs73HbYBb-gZgOLe2eWFu?us
     >Practical2
     Write-up : https://drive.google.com/file/d/1gmVf-XwpZfTIdbFjHd2w9Sl7eQRO_Iq9/view?us
      Code : https://colab.research.google.com/drive/1XZC46Ze13qIhKYw6xhC-9VvUQItCdo_6?us
     >3
     Write-up : https://drive.google.com/file/d/1UJ9CXBeSyicg4qaeDeeeXRJkTayqdc1T/view?us
```

  Code : https://colab.research.google.com/drive/16jbe1ZaXC4ozeb71-AUv4LyiHZGMqhsf?usp
>N Queen
Write-up : https://drive.google.com/file/d/1-ZXbJSrjdISnjYuPm7Clz20y28bbTu99/view?usp
 Code : https://colab.research.google.com/drive/1q1LrRAOiVLbNCa-a3SECLxkMwJl1bLYG?usp
>quit
Bye take care. See you soon :)

>N Queen
Write-up : https://drive.google.com/file/d/1-ZXbJSrjdISnjYuPm7Clz20y28bbTu99/view?usp
 Code : https://colab.research.google.com/drive/1q1LrRAOiVLbNCa-a3SECLxkMwJl1bLYG?usp
>quit
Bye take care. See you soon :)