import nltk

from nltk.corpus import stopwords

from nltk.tokenize import word\_tokenize

from nltk.stem import WordNetLemmatizer

def question\_answer():

print("Hello there what can i help you?")

fqa ={

"hii":"Hello, what can i help you",

"python":"python langauage",

"help":"help"

}

stop\_words = set(stopwords.words("english"))

le = WordNetLemmatizer()

while True:

question = input("you:- ")

if not question.strip():

print("Bot: Thank you! Have a good day!")

break

pro\_que= [le.lemmatize(word.lower()) for word in word\_tokenize(question) if word not in stop\_words]

found\_match = False

for keyword , answer in fqa.items():

le\_ke = [le.lemmatize(key) for key in keyword.split()]

for key in le\_ke:

if key in pro\_que:

found\_match=True

best\_match=answer

break

if found\_match:

break

if found\_match:

print("Bot:- ",best\_match)

else:

print("Bot:Sorry, I couldn't find an answer to that question.")

question\_answer()