

Forenoon - Session

Date - 20/5/2020

Name - Rishmi.K

Topic - Python

USN - 4ALI8EC043

Topic - Build on
intermediate english
dictionary

Sem. section - IV Sem 'A'

Report:

The data source

loading JSON data

Returning the definition of word

taking into account bad words

import json

data = json.load(open("data.json"))

def translate(w):

if w in data:

return data[w]

else:

return "the word doesn't exist, please double check it".

word = input("Enter word")

print(translate(word))

* Implementing case sensitivity

* Similarity Ratio between two words

But matches out of a first words

* Confirmation from the user

import json

from difflib import get_close_matches

data = json.load(open("data.json"))

def translate(w):

w = w.lower

if w in data:

return data[w]

```
if len(qt - close - matches(w, data keys())) > 0;  
    Yn = input  
    if Yn == "y":  
        return data[qt - close - matches(w, data keys  
    else  
        return "the word doesn't exist. please double check it.  
word = input.
```

Optimizing the final output:-

Version 1.2 (E)

A student discovered another issue with the programme. The programme cannot find the definition of acronyms such as USA or NATO; therefore add another conditional to make the program return the definition of such words

code - I added lines 10 & 11 to make sure the program returns the definition of acronyms (eg "USA or NATO")