

Language – Translator

Description:

The basic idea behind the project is to translate English to one's native language and the benefit is that it can translate it into any number of languages at a time. The project takes input in English and can translate it into any language as per user's requirement.

Problem Statement:

This project helps the people who don't understand English but are familiar with their native language. So, translating the whole English text to the User's familiar language.

Steps to translate:

1. Input the given text line by line or in any format.
2. Select the Language Number (one or more than one).
3. Your lines of text are translated!

Project work:

Source Code:

```
# Language Translation (English - any language)
from googletrans import Translator , LANGUAGES

def translate_lang(text,lang):
    ## traslation of the given text
    try:
        for item in lang:
            print("Translation in Language Number {}".format(item))
            trans=Translator().translate(text, dest = language_dict[item])
            print (trans.text)
            print("")
    except:
        print("Language index was not correct{} \n{}".format(lang,text))

def display_languages():
    lang_indexes={}
    i=0
    for Language in LANGUAGES.keys():
        lang_indexes[str(i)]=Language
        print("{:<3} : {:<10}".format(str(i),LANGUAGES[Language]))
        i+=1
    print("")
    return lang_indexes
```

```

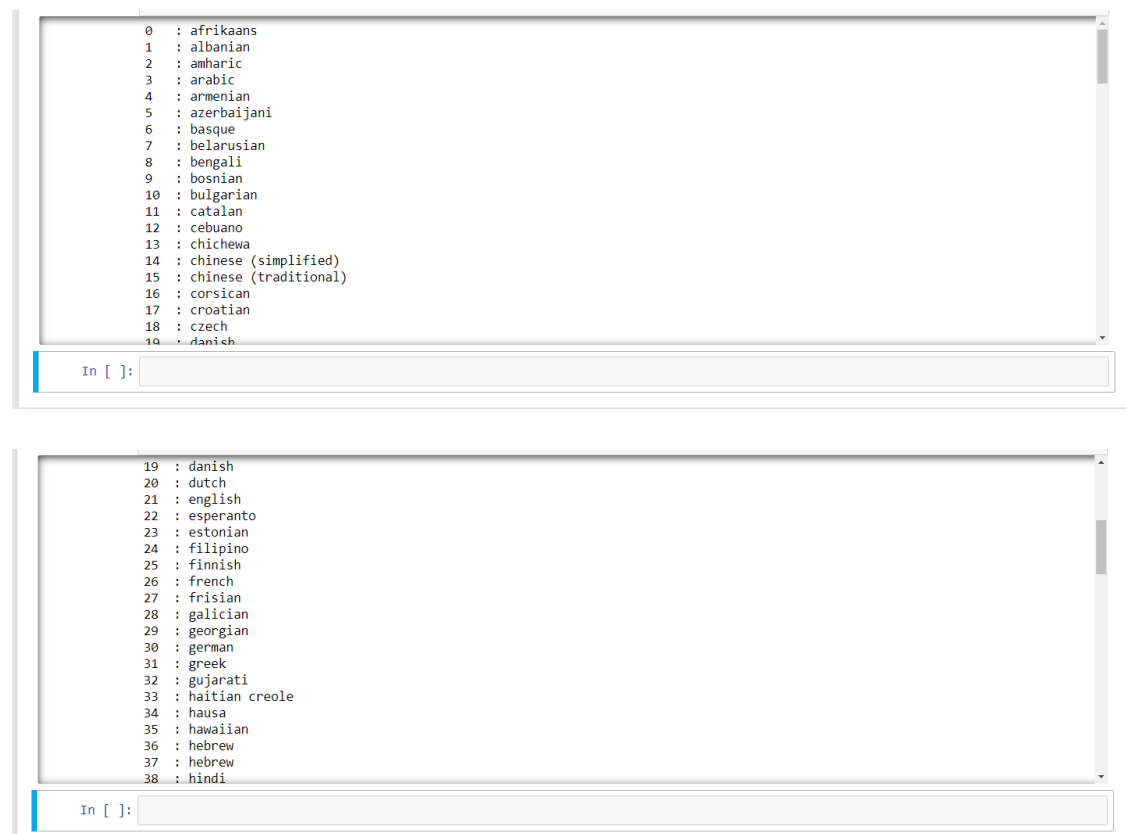
def index_lang():
    ## taking the input for the language no.
    lang_index=input("Write language index seperated by space for ex: 10 2 6
5...\n").strip().split(" ")
    return lang_index

def inputt():
    print("WRITE :q or exit() to finish writing")
    text=""
    while(True):
        z=input()
        if(z=="q" or z=="exit()" or z=="Q" or z=="EXIT()"):
            break
        if(z[-1] in ('.,!?:;')):
            text= text+z+'\n'
        else:
            text = text+z+'.\n'
    return text

if __name__=="__main__":
    language_dict=display_languages()
    sample_text=inputt()
    language_no=index_lang()
    translate_lang(sample_text,language_no)

```

Output:



```

0 : afrikaans
1 : albanian
2 : amharic
3 : arabic
4 : armenian
5 : azerbaijani
6 : basque
7 : belarusian
8 : bengali
9 : bosnian
10 : bulgarian
11 : catalan
12 : cebuano
13 : chichewa
14 : chinese (simplified)
15 : chinese (traditional)
16 : corsican
17 : croatian
18 : czech
19 : danish
20 : dutch
21 : english
22 : esperanto
23 : estonian
24 : filipino
25 : finnish
26 : french
27 : frisian
28 : galician
29 : georgian
30 : german
31 : greek
32 : gujarati
33 : haitian creole
34 : hausa
35 : hawaiian
36 : hebrew
37 : hindi
38 : hindi

```

```
38 : hindi
39 : hmong
40 : hungarian
41 : icelandic
42 : igbo
43 : indonesian
44 : irish
45 : italian
46 : japanese
47 : javanese
48 : kannada
49 : kazakh
50 : khmer
51 : korean
52 : kurdish (kurmanji)
53 : kyrgyz
54 : lao
55 : latin
56 : latvian
57 : lithuanian
```

In []:

```
57 : lithuanian
58 : luxembourgish
59 : macedonian
60 : malagasy
61 : malay
62 : malayalam
63 : maltese
64 : maori
65 : marathi
66 : mongolian
67 : myanmar (burmese)
68 : nepali
69 : norwegian
70 : odia
71 : pashto
72 : persian
73 : polish
74 : portuguese
75 : punjabi
76 : romanian
```

In []:

```
76 : romanian
77 : russian
78 : samoan
79 : scots gaelic
80 : serbian
81 : sesotho
82 : shona
83 : sindhi
84 : sinhala
85 : slovak
86 : slovenian
87 : somali
88 : spanish
89 : sundanese
90 : swahili
91 : swedish
92 : tajik
93 : tamil
94 : telugu
95 : thai
96 : turkish
```

In []:

```
91 : swedish
92 : tajik
93 : tamil
94 : telugu
95 : thai
96 : turkish
97 : ukrainian
98 : urdu
99 : uyghur
100 : uzbek
101 : vietnamese
102 : welsh
103 : xhosa
104 : yiddish
105 : yoruba
106 : zulu
```

WRITE :q or exit() to finish writing

In []:

Now input text....

```
96 : turkish
97 : ukrainian
98 : urdu
99 : uyghur
100 : uzbek
101 : vietnamese
102 : welsh
103 : xhosa
104 : yiddish
105 : yoruba
106 : zulu

WRITE :q or exit() to finish writing
A thesis statement focuses your ideas into one or two sentences. It should present the topic of your paper and also make a comment about your position in relation to the topic. Your thesis statement should tell your reader what the paper is about and also help guide your writing and keep your argument focused.
:q

Write language index seperated by space for ex: 10 2 6 5...
```

In []:

Now enter the language no....

```
96 : turkish
97 : ukrainian
98 : urdu
99 : uyghur
100 : uzbek
101 : vietnamese
102 : welsh
103 : xhosa
104 : yiddish
105 : yoruba
106 : zulu

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:q

Write language index seperated by space for ex: 10 2 6 5...
```

In []:

Final Output:

```
105 : yoruba
106 : zulu

WRITE :q or exit() to finish writing
A thesis statement focuses your ideas into one or two sentences. It should present the topic of your paper and also make a comment about your position in relation to the topic. Your thesis statement should tell your reader what the paper is about and also help guide your writing and keep your argument focused.
:q
Write language index seperated by space for ex: 10 2 6 5...
38 8
Translation in Language Number 38
एक थीसिस स्टेटमेंट आपके विचारों को एक या दो वाक्यों में केंद्रित करता है। इसे आपके पेपर का विषय प्रस्तुत करना चाहिए और विषय के संबंध में आपकी स्थिति के बारे में भी टिप्पणी करनी चाहिए। आपका थीसिस स्टेटमेंट आपके पाठक को बताना चाहिए कि पेपर किस बारे में है और आपके लेखन को निर्देशित करने में भी मदद करता है और अपने तर्कों को केंद्रित रखे।

Translation in Language Number 8
একটি থিসিস বিবৃতি আপনার ধারণা এক বা দুটি বাক্যে ফোকাস করে। এটি আপনার কাগজের বিষয় উপস্থাপন করা উচিত এবং বিষয়টি সম্পর্কিত আপনার অবস্থান সম্পর্কে একটি মন্তব্য করা উচিত। আপনার থিসিস স্টেটমেন্টটি আপনার পাঠককে কাগজটি সম্পর্কে কী বলা উচিত এবং আপনার লেখাকে গাইড করতে এবং আপনার যুক্তিকে কেন্দ্রীভূত রাখতে সহায়তা করবে।

In [ ]:
```