In [1]:
```
#Auto Correct Tool:
 #In this task the Al must correct the wordor give the word which is nearest to it. Use only Jupyter notebook code.
# Importing the required library
from nltk.metrics import distance

# Sample dictionary of words (you can use a larger dictionary for better results)
dictionary = [
    'apple', 'banana', 'cherry', 'orange', 'grape', 'pineapple', 'mango', 'peach', 'pear', 'plum'
]

def find_closest_word(input_word, dictionary):
    closest_word = None
    min_distance = float('inf')

    for word in dictionary:
        d = distance.edit_distance(input_word, word)
        if d < min_distance:
            min_distance = d
            closest_word = word

    return closest_word

# Test the auto-correct tool
input_word = 'orane'
closest_word = find_closest_word(input_word, dictionary)
print(f"Input: {input_word}")
print(f"Closest word: {closest_word}")
```

```
Input: orane
Closest word: orange
```

In [8]:
```
#Translator App:
#You have to create a translator Al which translate between any two languages. Itsupon you to choose language
from googletrans import Translator

def translate_text(text, src_lang='auto', dest_lang='en'):
    translator = Translator()

    # Detect the source language if 'auto' is specified
    if src_lang == 'auto':
        src_lang = translator.detect(text).lang

    # Translate the text to the destination language
    translation = translator.translate(text, src=src_lang, dest=dest_lang)

    return translation.text

# Test the translator with English to Hindi translation
input_text = "Hello, how are you?"
source_language = 'en'
destination_language = 'hi'  # Hindi
translated_text = translate_text(input_text, src_lang=source_language, dest_lang=destination_language)

print(f"Source Text ({source_language}): {input_text}")
print(f"Translated Text ({destination_language}): {translated_text}")

# Test the translator with Hindi to English translation
input_text_hindi = "नमस्ते, आप कैसे हैं?"
source_language_hindi = 'hi'  # Hindi
destination_language_english = 'en'
translated_text_hindi = translate_text(input_text_hindi, src_lang=source_language_hindi, dest_lang=destination_languag

print(f"Source Text ({source_language_hindi}): {input_text_hindi}")
print(f"Translated Text ({destination_language_english}): {translated_text_hindi}")
```

```
Source Text (en): Hello, how are you?
Translated Text (hi): नमस्ते, आप कैसे हैं?
Source Text (hi): नमस्ते, आप कैसे हैं?
Translated Text (en): hello how are you?
```

In [ ]: