1. Which of the following is not an application of NLP?
a. Image labeling
b. Poetry generation
c. Sentimental analysis
d. E-mail classification

A. Image labeling

2. Which of the following is not an NLP task?
a. Tokenization
b. Stop word removal
c. Part-of-speech tagging
d. Image segmentation

D. Image segmentation

3. Which of the following is not a disadvantage of rule-based approaches for NLP?
a. Not flexible
b. Not scalable
c. Requires huge dataset
d. None of the above

D.None of the above

4. What are the two major types of NLP approaches?

Rule based and data driven

5. Use TextBlob to translate a sentence in English into French, Mandarin, and Hindi?
a. Import TextBlob
b. Languages are coded as 'fr', 'zh-CN', 'hi'
c. Translate the following sentence "Who knew translation could be fun" into French, Mandarin, and Hindi

CODE :
```
from textblob import TextBlob
blob = TextBlob("Who knew translation could be fun")
translated_fr = blob.translate(from_lang='en',to='fr')
translated_hi = blob.translate(from_lang='en',to='hi')
```

```
translated_zh_CN = blob.translate(from_lang='en',to='zh-CN')
print(translated_fr)
print(translated_hi)
print(translated_zh_CN)
```

OUTPUT:
Qui savait que la traduction pouvait être amusante
कौन जानता था कि अनुवाद मजेदार हो सकता है
谁知道翻译可能很有趣

```
In [24]: from textblob import TextBlob
         blob = TextBlob("Who knew translation could be fun")
         translated_fr = blob.translate(from_lang='en',to='fr')
         translated_hi = blob.translate(from_lang='en',to='hi')
         translated_zh_CN = blob.translate(from_lang='en',to='zh-CN')
         print(translated_fr)
         print(translated_hi)
         print(translated_zh_CN)

         Qui savait que la traduction pouvait être amusante
         कौन जानता था कि अनुवाद मजेदार हो सकता है
         谁知道翻译可能很有趣

In [ ]:
```