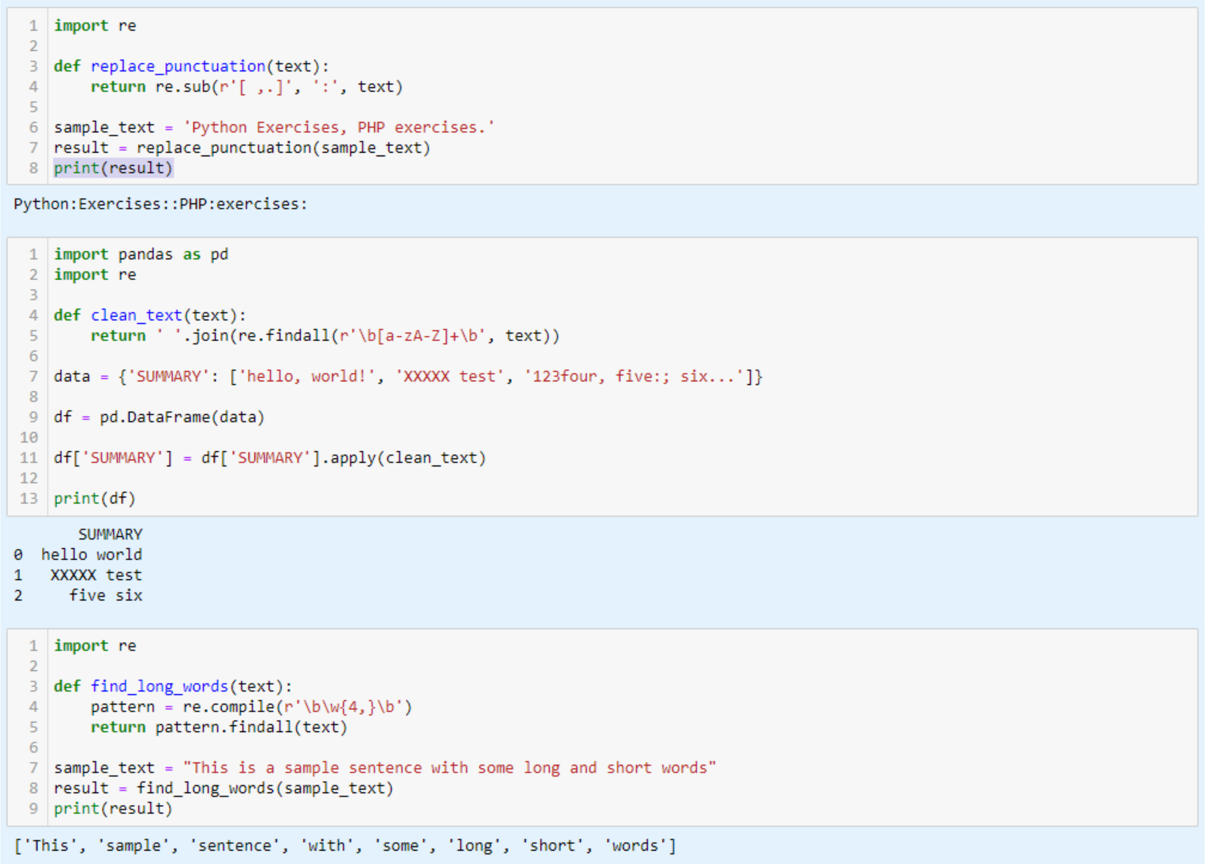


```python
import re

def replace_punctuation(text):
    return re.sub(r'[ ,.]', ':', text)

sample_text = 'Python Exercises, PHP exercises.'
result = replace_punctuation(sample_text)
print(result)
```

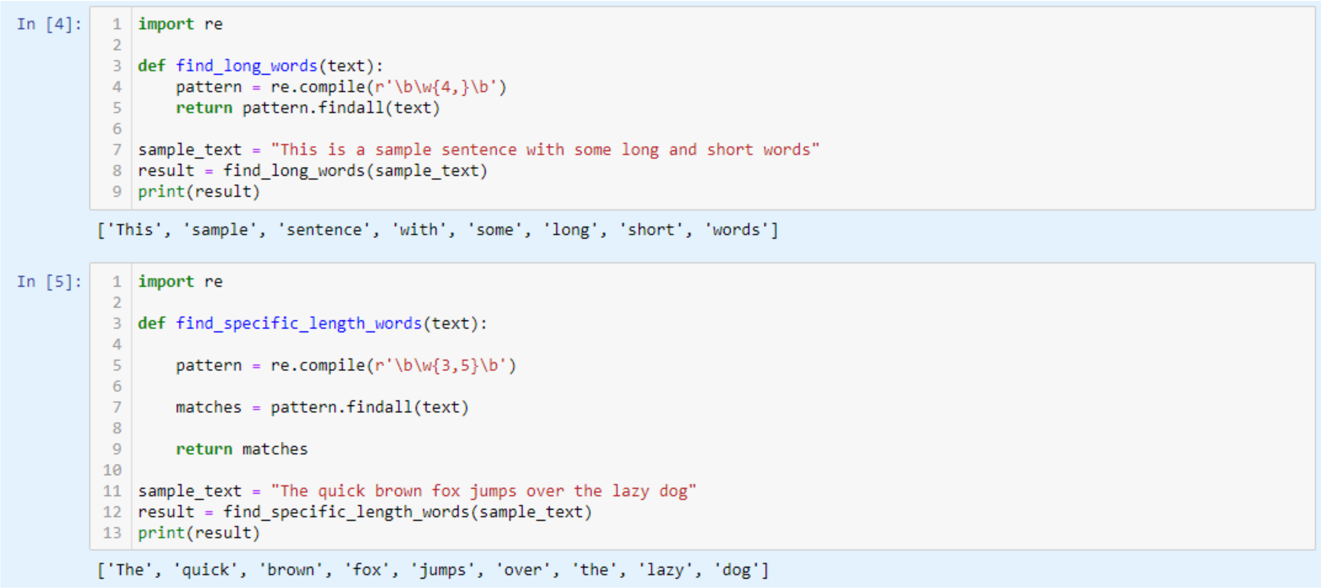
```
Python:Exercises::PHP:exercises:
```

```python
import pandas as pd
import re

def clean_text(text):
    return ' '.join(re.findall(r'\b[a-zA-Z]+\b', text))

data = {'SUMMARY': ['hello, world!', 'XXXXX test', '123four, five:; six...']}

df = pd.DataFrame(data)

df['SUMMARY'] = df['SUMMARY'].apply(clean_text)

print(df)
```

```
       SUMMARY
0  hello world
1   XXXXX test
2     five six
```

```python
import re

def find_long_words(text):
    pattern = re.compile(r'\b\w{4,}\b')
    return pattern.findall(text)

sample_text = "This is a sample sentence with some long and short words"
result = find_long_words(sample_text)
print(result)
```

```
['This', 'sample', 'sentence', 'with', 'some', 'long', 'short', 'words']
```



In [4]:

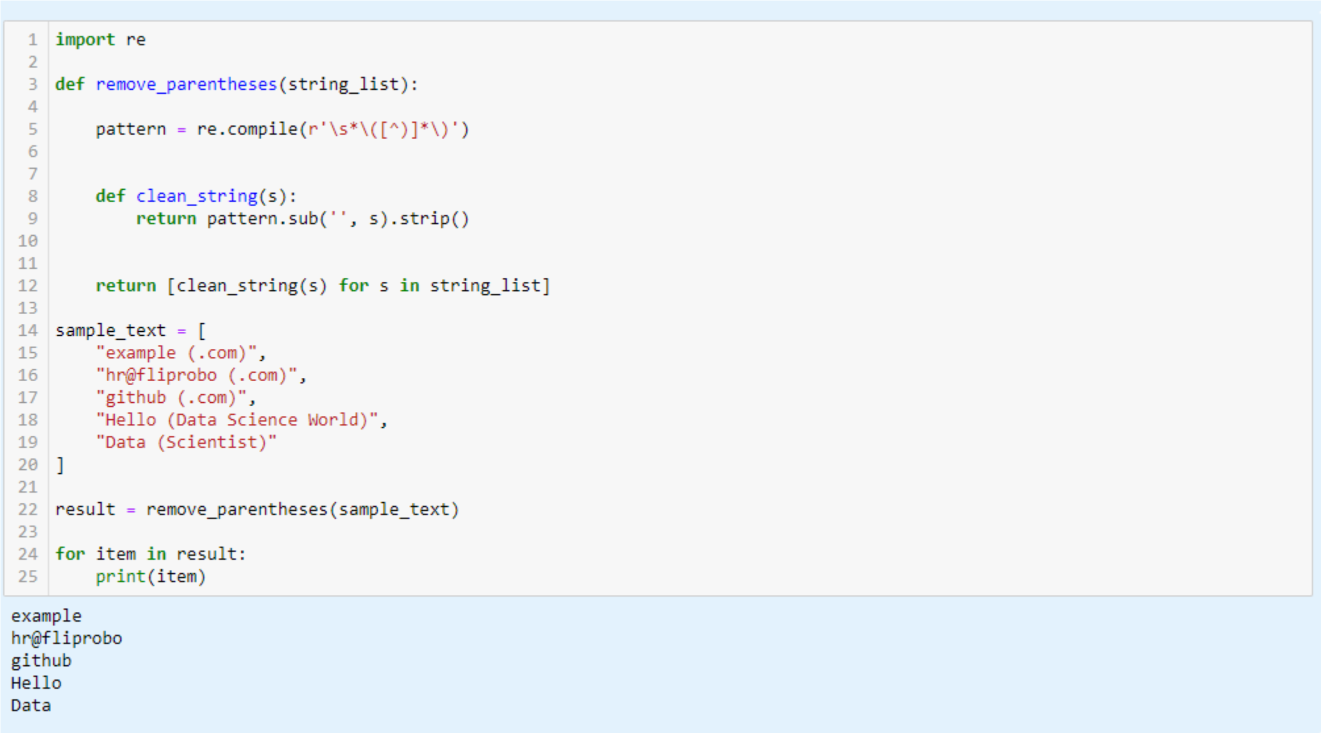
```python
import re

def find_long_words(text):
    pattern = re.compile(r'\b\w{4,}\b')
    return pattern.findall(text)

sample_text = "This is a sample sentence with some long and short words"
result = find_long_words(sample_text)
print(result)
```

```
['This', 'sample', 'sentence', 'with', 'some', 'long', 'short', 'words']
```

In [5]:

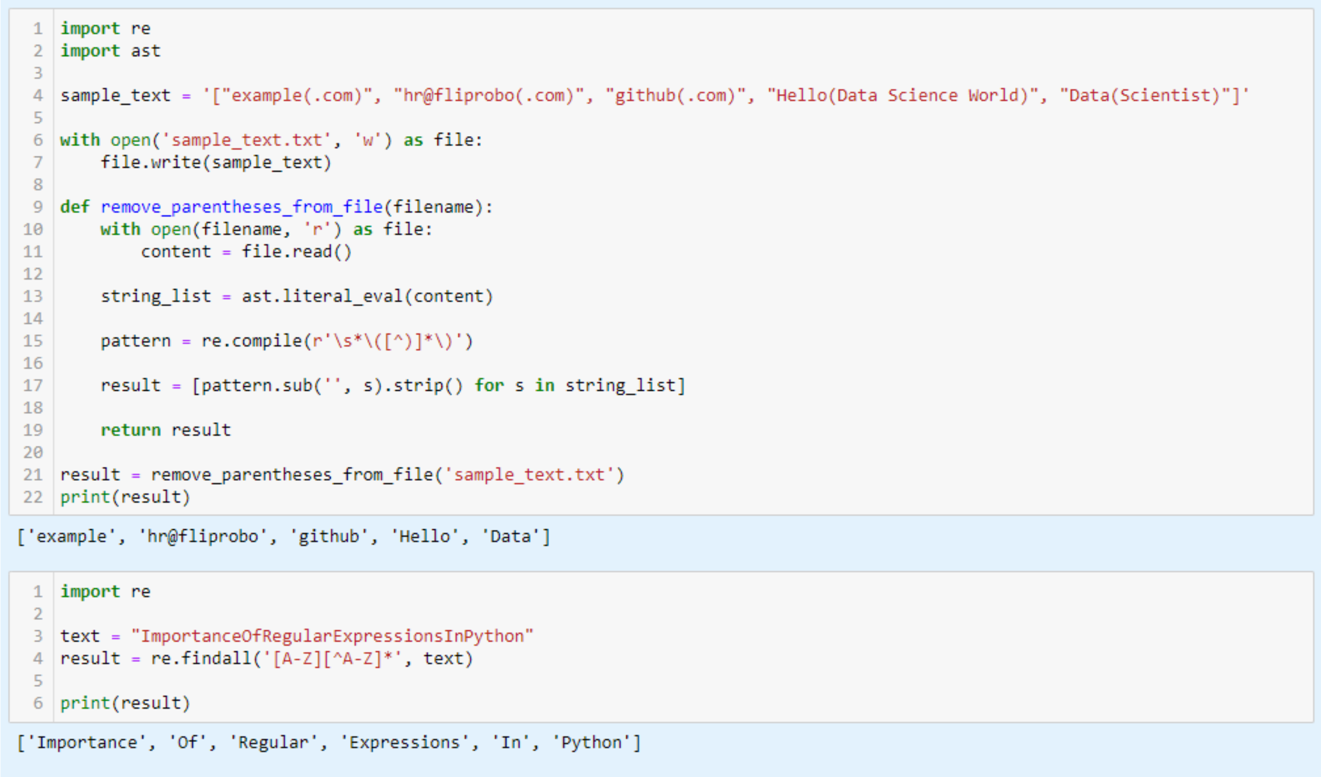
```python
import re

def find_specific_length_words(text):

    pattern = re.compile(r'\b\w{3,5}\b')

    matches = pattern.findall(text)

    return matches

sample_text = "The quick brown fox jumps over the lazy dog"
result = find_specific_length_words(sample_text)
print(result)
```

```
['The', 'quick', 'brown', 'fox', 'jumps', 'over', 'the', 'lazy', 'dog']
```



```python
import re

def remove_parentheses(string_list):

    pattern = re.compile(r'\s*\([^)]*\)')


    def clean_string(s):
        return pattern.sub('', s).strip()


    return [clean_string(s) for s in string_list]

sample_text = [
    "example (.com)",
    "hr@fliprobo (.com)",
    "github (.com)",
    "Hello (Data Science World)",
    "Data (Scientist)"
]

result = remove_parentheses(sample_text)

for item in result:
    print(item)
```

```
example
hr@fliprobo
github
Hello
Data
```

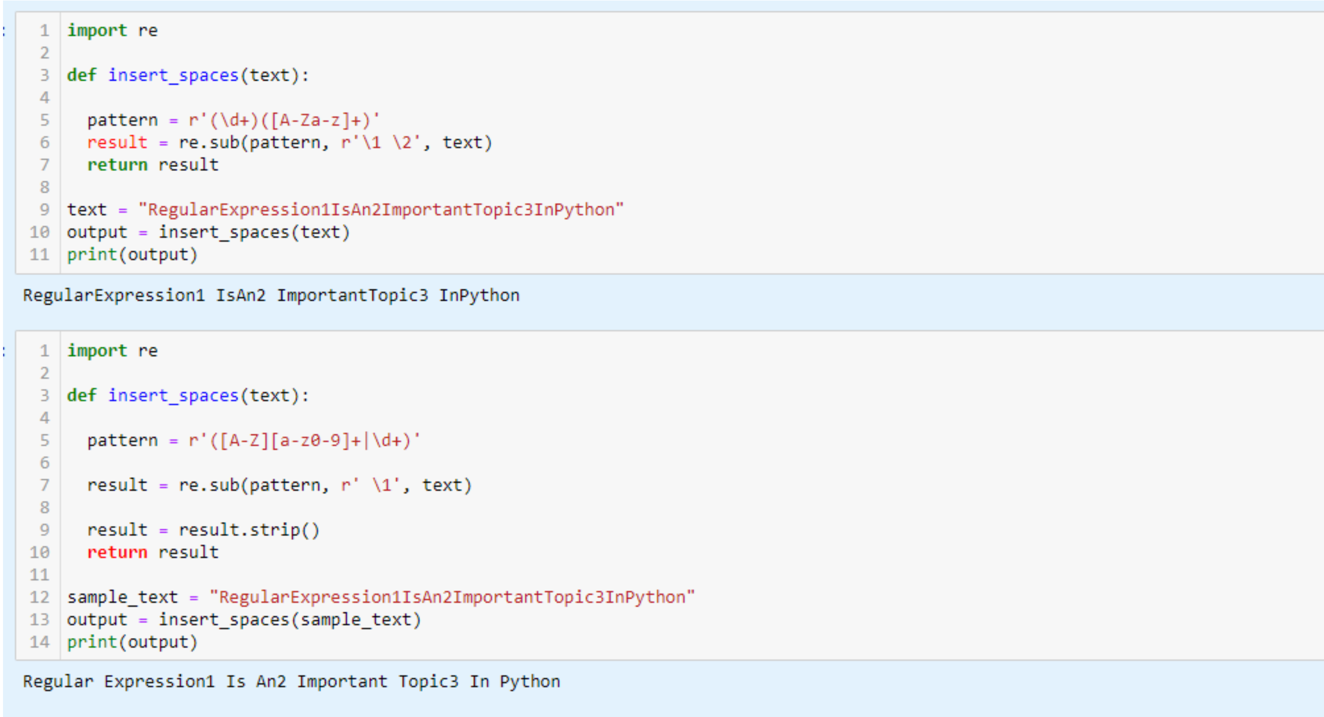


```python
import re
import ast

sample_text = '["example(.com)", "hr@fliprobo(.com)", "github(.com)", "Hello(Data Science World)", "Data(Scientist)"]'

with open('sample_text.txt', 'w') as file:
    file.write(sample_text)

def remove_parentheses_from_file(filename):
    with open(filename, 'r') as file:
        content = file.read()

    string_list = ast.literal_eval(content)

    pattern = re.compile(r'\s*\([^)]*\)')

    result = [pattern.sub('', s).strip() for s in string_list]

    return result

result = remove_parentheses_from_file('sample_text.txt')
print(result)
```

```
['example', 'hr@fliprobo', 'github', 'Hello', 'Data']
```

```python
import re

text = "ImportanceOfRegularExpressionsInPython"
result = re.findall('[A-Z][^A-Z]*', text)

print(result)
```

```
['Importance', 'Of', 'Regular', 'Expressions', 'In', 'Python']
```



```python
import re

def insert_spaces(text):

  pattern = r'(\d+)([A-Za-z]+)'
  result = re.sub(pattern, r'\1 \2', text)
  return result

text = "RegularExpression1IsAn2ImportantTopic3InPython"
output = insert_spaces(text)
print(output)
```

```
RegularExpression1 IsAn2 ImportantTopic3 InPython
```

```python
import re

def insert_spaces(text):

  pattern = r'([A-Z][a-z0-9]+|\d+)'

  result = re.sub(pattern, r' \1', text)

  result = result.strip()
  return result

sample_text = "RegularExpression1IsAn2ImportantTopic3InPython"
output = insert_spaces(sample_text)
print(output)
```

```
Regular Expression1 Is An2 Important Topic3 In Python
```