

DAY-5

Task 1: Use Python's re module to find all occurrences of the word "Python" in a given text.

SOLUTION:

```
import re
```

```
def find_python_occurrence(text):
```

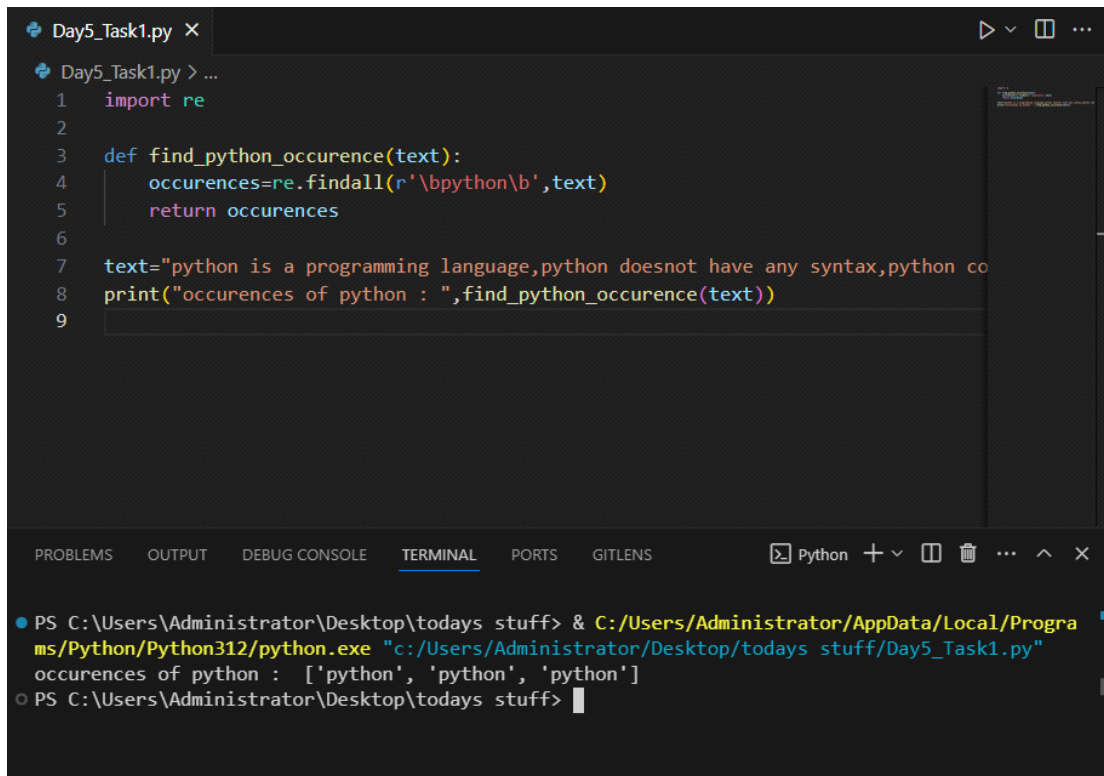
```
    occurrences=re.findall(r'\bpython\b',text)
```

```
    return occurrences
```

```
text="python is a programming language,python doesnot  
have any syntax,python code can be easily written."
```

```
print("occurences of python :  
",find_python_occurrence(text))
```

OUTPUT:



The image shows a Visual Studio Code editor window with a file named `Day5_Task1.py`. The code in the editor is as follows:

```
1 import re
2
3 def find_python_occurrence(text):
4     occurrences=re.findall(r'\bpython\b',text)
5     return occurrences
6
7 text="python is a programming language,python doesnot have any syntax,python co
8 print("occurences of python : ",find_python_occurrence(text))
9
```

Below the editor, the **TERMINAL** tab is active, showing the command to run the script and its output:

```
PS C:\Users\Administrator\Desktop\todays stuff> & C:/Users/Administrator/AppData/Local/Programs/Python/Python312/python.exe "c:/Users/Administrator/Desktop/todays stuff/Day5_Task1.py"
occurences of python : ['python', 'python', 'python']
PS C:\Users\Administrator\Desktop\todays stuff>
```