

```
In [5]: import re

txt = "The rain in Spain"
x = re.search("^The.*Spain$", txt)

if x:
    print("YES! We have a match!")
else:
    print("No match")
```

YES! We have a match!

```
In [6]: import re

txt = "The rain in Spain"
x = re.findall("ai", txt)
print(x)
```

['ai', 'ai']

```
In [7]: import re

txt = "The rain in Spain"

x = re.findall("Portugal", txt)
print(x)

if (x):
    print("Yes, there is at least one match!")
else:
    print("No match")
```

[]  
No match

```
In [8]: import re

txt = "The rain in Spain"
x = re.search("\s", txt)

print("The first white-space character is located in position:", x.start())
```

The first white-space character is located in position: 3

```
In [9]: import re

txt = "The rain in Spain"
x = re.search("Portugal", txt)
print(x)
```

None

In [10]: `import re`

```
txt = "The rain in Spain"  
x = re.split("\s", txt)  
print(x)
```

['The', 'rain', 'in', 'Spain']

In [11]: `import re`

```
txt = "The rain in Spain"  
x = re.split("\s", txt, 1)  
print(x)
```

['The', 'rain in Spain']

In [12]: `import re`

```
txt = "The rain in Spain"  
x = re.sub("\s", "9", txt)  
print(x)
```

The9rain9in9Spain

In [13]: `import re`

```
txt = "The rain in Spain"  
x = re.sub("\s", "9", txt, 2)  
print(x)
```

The9rain9in Spain

In [14]: `import re`

```
txt = "The rain in Spain"  
x = re.search("ai", txt)  
print(x)
```

<re.Match object; span=(5, 7), match='ai'>

In [15]: `import re`

```
txt = "The rain in Spain"  
x = re.search(r"\bS\w+", txt)  
print(x.span())
```

(12, 17)

In [16]: `import re`

```
txt = "The rain in Spain"  
x = re.search(r"\bS\w+", txt)  
print(x.string)
```

The rain in Spain

In [17]: `import re`

```
txt = "The rain in Spain"  
x = re.search(r"\bS\w+", txt)  
print(x.group())
```

Spain

In [ ]: