

## Case: 01 split() Method

```
public String[] split(String regex) {  
}
```

```
String s1 = new String("Hello Java Hello Python");  
String[] s2 = s1.split(" ");  
for (String string : s2) {  
    System.out.println(string);  
}
```

Hello

Java

Hello

Python

## Case:02 split() Method

```
String s1 = new String("Hello:Java:Hello:Python");  
String[] s2 = s1.split(":");  
for (String string : s2) {  
    System.out.println(string);  
}
```

Hello

Java

Hello

Python

### Case:03 split() Method

```
String s1 = new String("Hello - Java - Hello - Python");  
String[] s2 = s1.split(" - ");  
for (String string : s2) {  
    System.out.println(string);  
}
```

Hello

Java

Hello

Python

## Case:04 split() Method

```
String s1 = new String("HelloJavaandHelloPython");  
String[] s2 = s1.split("and");  
for (String string : s2) {  
    System.out.println(string);  
}
```

HelloJava  
HelloPython

## Case:05 split() Method

```
public String[] split(String regex, int limit) {  
  
}  
  
String s1 = new String("HelloJava and HelloPython");  
String[] s2 = s1.split(" ", 2);  
for (String string : s2) {  
    System.out.println(string);  
}
```

HelloJava  
and HelloPython

## Case 01: join() Method

```
public static String join(CharSequence delimiter, CharSequence... elements) {  
  
}
```

```
String s1 = String.join(" ", "Hello", "Java", "Hello", "Python");  
System.out.println(s1); // Hello Java Hello Python
```

### Case 02: join() Method

```
String s1 = String.join(" and ", "Hello", "Java", "Hello", "Python");  
System.out.println(s1); // Hello and Java and Hello and Python
```

### Case 03: join() Method

```
String s1 = String.join("", "Hello", "Java", "Hello", "Python");  
System.out.println(s1); // HelloJavaHelloPython
```

## Diff bw split() and join() Method

```
String s1 = new String("Hello Java Hello Python");  
String[] s2 = s1.split(" ");  
for (String string : s2) {  
    System.out.println(string);  
}
```

```
System.out.println();
```

//returns string

```
String s3 = String.join("", "Hello", "Java", "Hello", "Python");  
System.out.println(s3); // HelloJavaHelloPython
```