



Java String join() with examples

Difficulty Level : Basic • Last Updated : 04 Dec, 2018

The **java.lang.string.join()** method concatenates the given elements with the delimiter and returns the concatenated string. Note that if an element is null, then null is added. The **join()** method is included in java string since JDK 1.8.

There are two types of **join()** methods in java string.

Syntax:

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```
public static String join(CharSequence deli, CharSequence... ele)
```

and

```
public static String join  
(CharSequence deli, Iterable<? extends CharSequence> ele)
```

Parameters:

deli- delimiter to be attached with each element

ele- string or char to be attached with delimiter

Returns : string joined with delimiter.



```
// Java program to demonstrate
// working of join() method

class Gfg1 {
    public static void main(String args[])
    {
        // delimiter is "<" and elements are "Four", "Five", "Six", "Seven"
        String gfg1 = String.join(" < ", "Four", "Five", "Six", "Seven");

        System.out.println(gfg1);
    }
}
```

Output:

```
Four < Five < Six < Seven
```

```
// Java program to demonstrate
// working of join() method

class Gfg2 {
    public static void main(String args[])
    {
        // delimiter is " " and elements are "My",
        // "name", "is", "Niraj", "Pandey"
        String gfg2 = String.join(" ", "My", "name", "is", "Niraj", "Pan

        System.out.println(gfg2);
    }
}
```

Output:

```
My name is Niraj Pandey
```

```
// Java program to demonstrate
// working of join() method

class Gfg3 {
    public static void main(String args[])
```

```
{  
    // delimiter is "->" and elements are "Wake up",  
    // "Eat", "Play", "Sleep", "Wake up"  
  
    String gfg3 = String.join("-> ", "Wake up", "Eat",  
                               "Play", "Sleep", "Wake up");  
  
    System.out.println(gfg3);  
}  
}
```

Output:

```
Wake up-> Eat-> Play-> Sleep-> Wake up
```



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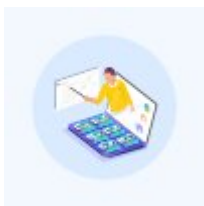
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