

# JAVA EXAMPLES - SEARCHING DUPLICATE WORDS

[http://www.tutorialspoint.com/javaexamples/regular\\_match.htm](http://www.tutorialspoint.com/javaexamples/regular_match.htm)

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## Problem Description:

How to match duplicate words in a regular expression?

## Solution:

Following example shows how to search duplicate words in a regular expression by using p.matcher method and m.group method of regex.Matcher class.

```
import java.util.regex.Matcher;
import java.util.regex.Pattern;

public class Main {
    public static void main(String args[])
        throws Exception {
        String duplicatePattern = "\\b(\\w+) \\1\\b";
        Pattern p = Pattern.compile(duplicatePattern);
        int matches = 0;
        String phrase = " this is a test ";
        Matcher m = p.matcher(phrase);
        String val = null;
        while (m.find()) {
            val = ":" + m.group() + ":";
            matches++;
        }
        if(val>0)
            System.out.println("The string
            has matched with the pattern.");
        else
            System.out.println("The string
            has not matched with the pattern.");
    }
}
```

## Result:

The above code sample will produce the following result.

```
The string has matched with the pattern
```

```
Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```