

JAVA EXAMPLES - FINDING WORD OCCURRENCE

http://www.tutorialspoint.com/javaexamples/regular_occurance.htm

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Problem Description:

How to find every occurrence of a word?

Solution:

Following example demonstrates how to find every occurrence of a word with the help of Pattern.compile method and m.group method.

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

public class Main {
    public static void main(String args[])
        throws Exception {
        String candidate = "this is a test, A TEST.";
        String regex = "\\ba\\w*\\b";
        Pattern p = Pattern.compile(regex);
        Matcher m = p.matcher(candidate);
        String val = null;
        System.out.println("INPUT: " + candidate);
        System.out.println("REGEX: " + regex + "\r\n");
        while (m.find()) {
            val = m.group();
            System.out.println("MATCH: " + val);
        }
        if (val == null) {
            System.out.println("NO MATCHES: ");
        }
    }
}
```

Result:

The above code sample will produce the following result.

```
INPUT: this is a test ,A TEST.
REGEX: \\ba\\w*\\b
MATCH: a test
MATCH: A TEST
```

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