

|   |       |   |    |
|---|-------|---|----|
| 1 | 10000 | 8 | ?? |
|---|-------|---|----|

....

.

snippet.java

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

public class _2012_06_30_googleInterview {

    public static void main(String[] args) {
        int usedCount = getUsedCount(1,          // Range Start Number
                                     10000,      // Range Last Number
                                     8);         // Detecting Number
        System.out.println(String.format("Count : %d", usedCount));
    }

    private static int getUsedCount(int rangeStartNum, int
rangeLastNum, int detectNum) {
        Pattern p =Pattern.compile(Integer.toString(detectNum));

        int usedCount = 0;

        for (int targetNum = rangeStartNum; targetNum <= rangeLastNum;
targetNum++) {
            Matcher m =p.matcher(Integer.toString(targetNum));
            int foundMatchCount =getMatchCount(m);
            usedCount += foundMatchCount;

            //          if (foundMatchCount != 0) {
            //
            System.out.println(String.format("Target:[%d]\tDectedNum:[%d]\tGroupCou
nt:[%d]", targetNum, detectNum, usedCount));
            //          }
        }
        return usedCount;
    }

    private static int getMatchCount(Matcher m) {
        int matchCount = 0;
        while (m.find()) {
            matchCount ++;
        }
        return matchCount;
    }
}
```

```
}
```

## Plugin Backlinks:

From:

<http://moro.kr/> - **Various Ways**

Permanent link:

<http://moro.kr/open/java-search-8>

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