

JAVA EXAMPLES - USE VARARGS WITH METHOD OVERLOADING

http://www.tutorialspoint.com/javaexamples/method_varargs1.htm

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Problem Description:

How to use variable arguments as an input when dealing with method overloading?

Solution:

This example displays how to overload methods which have variable arguments as an input.

```
public class Main {
    static void vaTest(int ... no) {
        System.out.print("vaTest(int ...): "
            + "Number of args: " + no.length + " Contents: ");
        for(int n : no)
            System.out.print(n + " ");
        System.out.println();
    }
    static void vaTest(boolean ... bl) {
        System.out.print("vaTest(boolean ...) " +
            "Number of args: " + bl.length + " Contents: ");
        for(boolean b : bl)
            System.out.print(b + " ");
        System.out.println();
    }
    static void vaTest(String msg, int ... no) {
        System.out.print("vaTest(String, int ...): " +
            msg + "no. of arguments: " + no.length + " Contents: ");
        for(int n : no)
            System.out.print(n + " ");
        System.out.println();
    }
    public static void main(String args[]){
        vaTest(1, 2, 3);
        vaTest("Testing: ", 10, 20);
        vaTest(true, false, false);
    }
}
```

Result:

The above code sample will produce the following result.

```
vaTest(int ...): Number of args: 3 Contents: 1 2 3
vaTest(String, int ...): Testing: no. of arguments: 2
Contents: 10 20
vaTest(boolean ...) Number of args: 3 Contents:
true false false
```