

JAVA EXAMPLES - PRINTING ARRAY USING METHOD

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

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Problem Description:

How to use method overloading for printing different types of array ?

Solution:

This example displays the way of using overloaded method for printing types of array *integer*, *double* and *character*.

```
public class MainClass {
    public static void printArray(Integer[] inputArray) {
        for (Integer element : inputArray){
            System.out.printf("%s ", element);
            System.out.println();
        }
    }
    public static void printArray(Double[] inputArray) {
        for (Double element : inputArray){
            System.out.printf("%s ", element);
            System.out.println();
        }
    }
    public static void printArray(Character[] inputArray) {
        for (Character element : inputArray){
            System.out.printf("%s ", element);
            System.out.println();
        }
    }
    public static void main(String args[]) {
        Integer[] integerArray = { 1, 2, 3, 4, 5, 6 };
        Double[] doubleArray = { 1.1, 2.2, 3.3, 4.4,
        5.5, 6.6, 7.7 };
        Character[] characterArray = { 'H', 'E', 'L', 'L', 'O' };
        System.out.println("Array integerArray contains:");
        printArray(integerArray);
        System.out.println("\nArray doubleArray contains:");
        printArray(doubleArray);
        System.out.println("\nArray characterArray contains:");
        printArray(characterArray);
    }
}
```

Result:

The above code sample will produce the following result.

```
Array integerArray contains:
1
2
3
4
5
6

Array doubleArray contains:
1.1
2.2
3.3
4.4
5.5
6.6
7.7
```

Array characterArray contains:

H
E
L
L
O

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