# **Methods:**

1. Calling a method that returns an array by passing an array

public int[] somemethod(int[] arr){

}

Calling the method:

int[] arr1 = {1, 2, 3};

int[] arr2 = somemethod(arr1)

Example:

**package** package1;

**public** **class** ExceptionExample {

**public** **static** **int**[] mth(**int**[] arr) {

**int**[] arr1 = arr;

**for** (**int** i=0; i<arr.length; i++) {

arr1[i] = arr[i]\*2;

}

**return** arr1;

}

**public** **static** **void** main(String[] args) {

**int**[] arr1 = {3,4,5};

**int**[] arr2 = *mth*(arr1);

System.***out***.println(arr2[0]);

System.***out***.println(arr2[1]);

System.***out***.println(arr2[2]);

}

}

1. Returning an array of Strings

public String[] concatenate(String[] arr){

}

Calling method:

String[] arr1 = {“Subbu”, “Selenium”};

String[] arr2 = concatenate(arr1);

**package** package1;

**public** **class** StringMethodExamples {

**public** String[] concatenate(String[] str) {

String[] str1 = str;

str1[0] = str[0]+" tutorials";

str1[1] = str[1]+" tutorials";

**return** str1;

}

**public** **static** **void** main(String[] args) {

String[] str = {"Subbu", "Selenium"};

StringMethodExamples sme = **new** StringMethodExamples();

String[] str1 = sme.concatenate(str);

**for**(**int** i=0; i<str1.length; i++) {

System.***out***.println(str1[i]);

}

}

}