**1)package** Practice\_Array;

**public** **class** sortArray {

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

{

**int** [] array = **new** **int** [] {23,12,45,67,90,23,54,67,8,1,14};

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

{

**for** (**int** j = i + 1; j < array.length; j++)

{

**int** tmp = 0;

**if** (array[i] > array[j])

{

tmp = array[i];

array[i] = array[j];

array[j] = tmp;

}

}

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

}

}

}

2) **package** Practice\_Array;

**public** **class** Array {

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

{

**int** [] array = **new** **int** [] {23,12,45,67,90,23,54,67,8,1,14};

**int** d=65;

**for** (**int** k = 0; k < array.length; k++) {

**if** (d == array[k]) {

System.***out***.println(k);

**return**;

}

}

System.***out***.println(-1);

}

}

3) **package** Practice\_Array;

**public** **class** Array {

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

{

**int** [] array = **new** **int** [] {23,12,45,67,90,23,54,67,8,1,14};

**int** d=65;

**for** (**int** k = 0; k < array.length; k++) {

**if** (d == array[k]) {

System.***out***.println(k);

**return**;

}

}

System.***out***.println(-1);

System.***out***.println("Index position of 5 is: "

+ array[4]);

}

}

4) **import** java.util.Arrays;

**public** **class** Array {

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

{

**int** [] array = **new** **int** [] {23,12,45,67,90,23,54,67,8,1,14};

**int** d=65;

**for** (**int** k = 0; k < array.length; k++) {

**if** (d == array[k]) {

System.***out***.println(k);

**return**;

}

}

System.***out***.println(-1);

System.***out***.println("Index position of 5 is: "

+ array[4]);

**int** Index\_position = 7;

**int** newValue = 45;

System.***out***.println("Original Array : "+Arrays.*toString*(array));

**for**(**int** p=array.length-1; p > Index\_position; p--)

{

array[p]= array[p-1];

}

array[Index\_position] = newValue;

System.***out***.println("New Array: "+Arrays.*toString*(array));

}

}

5) **package** Practice\_Array;

**import** java.util.Arrays;

**public** **class** Array {

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

{

**int**[] array1 = {23,12,45,67,90,23,54,67,81,14};

**int**[] array2 = {43,32,45,97,90,23,54,7,8};

System.***out***.println("Array1 : "+Arrays.*toString*(array1));

System.***out***.println("Array2 : "+Arrays.*toString*(array2));

**for** (**int** i = 0; i < array1.length; i++)

{

**for** (**int** j = 0; j < array2.length; j++)

{

**if**(array1[i] == (array2[j]))

{

System.***out***.println("Common element is : "+(array1[i]));

}

}

}

}

}