## q.1 Write a program to search an element present in the array.

import java.util.Arrays;

import java.util.stream.IntStream;

class Test

{

// Method to check if the specified element

// is present in the array or not

private static boolean isElementPresent(int[] arr, int key)

{

// check if the specified element

// is present in the array or not

// using Linear Search method

for (int element : arr) {

if (element == key) {

return true;

}

}

return false;

}

public static void main(String[] args)

{

// Get the array

int arr[] = { 3, 5, 7, 2, 6, 10 };

// Get the value to be checked

int key = 7;

// Check if this value is

// present in the array or not

boolean res = isElementPresent(arr, key);

System.out.println("Is " + key

+ " present in the array: "

+ res);

}

}

Output= 7 present in the array :true

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### q.2 write a program to sort the array of n element.

import java.util.Arrays;

public class TEST {

public static void main(String[] args) {

int[] arr = new int[] { -2, 0, 1, 3, -1, 2 };

// use Arrays.sort() method to sort array

// elements in ascending order

Arrays.sort(arr);

System.out.println(Arrays.toString(arr));

}

}

Output= [-2,-1,0,1,2,3]

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