**Write a java code that do the following:**

1. **Declare an array with size 10.**
2. **Ask the user to fill in the elements of the array.**
3. **Check if the element 5 is in the array. If the element 5 is found in the array, print the element 5 is found.**

import java.util.\*;

public class exam {

public static void main(String[] args) {

int[] array = new int[10];

String isFound = "not found";

Scanner in = new Scanner(System.in);

System.out.println("Enter the array elements ");

for(int i=0; i<10; i++){

array[i] = in.nextInt();

if (array[i] == 5)

isFound = "found";

}

System.out.println("the element 5 is " + isFound);

// TODO: Add your code here

}

}

**Method example with array**

public class method {

public static void main(String[] args) {

// TODO: Add your code here

int[] array = {1,2,3,4,5,6,7,8};

int sum = ar(array);

System.out.println("the sum is " + sum);

}

public static int ar(int[] arr){

int sum = 0;

for(int i=0; i<8; i++)

sum+=arr[i];

return sum;

}

}