

```
7 import java.util.Scanner;
8
9 /**
10  *
11  * @author Gaby Ramos
12  */
13
14 public class RamosQ011 {
15
16     /**
17      * @param args the command line arguments
18      */
19     public static void main(String[] args) {
20         Scanner t = new Scanner(System.in);
21         System.out.println(" exercise 1:Sum ");
22         System.out.println("enter the five whole numbers from the first arrangement : ");
23         int[] a = new int[5];
24         for (int i = 0; i < 5; i++) {
25             a[i] = t.nextInt();
26         }
27         System.out.println("enter the five whole numbers from the second arrangement : ");
28         int[] b = new int[5];
29         for (int i = 0; i < 5; i++) {
30             b[i] = t.nextInt();
31         }
32         int[] result = new int[5];
33         result = calculateSumOfTheWholeNumbers(a, b);
34         System.out.println("sum " + print(result));
35
36         System.out.println("exercise 2 :Average");
37         System.out.println("enter the three elements of the average : ");
38         float[] c = new float[3];
39         for (int i = 0; i < 3; i++) {
40             c[i] = t.nextFloat();
41         }
42         System.out.println("the average is " + calculateAverage(c));
43
44         System.out.println("exercise 3 : Whole number of a Matrix ");
45         System.out.println("enter the data to search : ");
46         int i = t.nextInt();
47     }
48 }
```

Output:

```
run:
exercise 1:Sum
enter the five whole numbers from the first arrangement :
1
2
3
4
5
enter the five whole numbers from the second arrangement :
6
7
8
9
10
sum 7 9 11 13 15
exercise 2 :Average
enter the three elements of the average :
16
16,8
12,5
the average is 15.099999
exercise 3 : Whole number of a Matrix
enter the data to search :
12
the number is in the arrangement true
BUILD SUCCESSFUL (total time: 1 minute 30 seconds)
```

```
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14 public class RamosQ011 {
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16     /**
17      * @param args the command line arguments
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19     public static void main(String[] args) {
20         Scanner t = new Scanner(System.in);
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22         System.out.println("enter the five whole numbers from the first arrangement : ");
23         int[] a = new int[5];
24         for (int i = 0; i < 5; i++) {
25             a[i] = t.nextInt();
26         }
27         System.out.println("enter the five whole numbers from the second arrangement : ");
28         int[] b = new int[5];
29         for (int i = 0; i < 5; i++) {
30             b[i] = t.nextInt();
31         }
32         int[] result = new int[5];
33         result = calculateSumOfTheWholeNumbers(a, b);
34         System.out.println("sum " + print(result));
35
36         System.out.println("exercise 2 :Average");
37         System.out.println("enter the three elements of the average : ");
38         float[] c = new float[3];
39         for (int i = 0; i < 3; i++) {
40             c[i] = t.nextFloat();
41         }
42         System.out.println("the average is " + calculateAverage(c));
43
44         System.out.println("exercise 3 : Whole number of a Matrix ");
45         System.out.println("enter the data to search : ");
46         int i = t.nextInt();
47     }
48 }
```

Output:

```
run:
exercise 1:Sum
enter the five whole numbers from the first arrangement :
4
5
6
7
2
enter the five whole numbers from the second arrangement :
3
41
11
23
45
sum 7 46 17 30 47
exercise 2 :Average
enter the three elements of the average :
34,6
78,9
54,2
the average is 55.899998
exercise 3 : Whole number of a Matrix
enter the data to search :
13
the number is in the arrangement false
BUILD SUCCESSFUL (total time: 21 seconds)
```