

eclipse-workspace - Java/src/com/demo/Question4.java - Eclipse IDE

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Package Explorer: Java > src > (default pack) > Array > Array4.java

```
1 /*Problem 4. a Java program to find all pairs of elements
2  in an array whose sum is equal to a specified number*/
3
4 package com.demo;
5
6 public class Question4 {
7     static void pairs_value(int inputArray[],int inputNumber) {
8         System.out.println("pairs of the elements and their sum:");
9         for(int i=0;i<inputArray.length;i++) {
10             for (int j=0;j<inputArray.length;j++) {
11                 if(inputArray[i]+inputArray[j]==inputNumber) {
12                     System.out.println(inputArray[i]+" "+inputArray[j]+"="+inputNumber);
13                 }
14             }
15         }
16     }
17     public static void main(String[] args) {
18         pairs_value(new int[] {2,7,4,-7,8,9,4},10);
19         pairs_value(new int[] {6,7,10,-5,4,32,67,8,40,7},77);
20     }
21 }
```

Problems Javadoc Declaration Console

<terminated> Question4 [Java Application] C:\Program Files\Java\jdk-18.0.2\bin\java.exe

```
pairs of the elements and their sum:
2+8=10
8+2=10
pairs of the elements and their sum:
10+67=77
67+10=77
```

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