

```
1
2 void printPairs(int *input, int n, int k) {
3     // Write your code here
```

```
5 }
6
7
```

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Problem

Result



Pairs with difference K

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You are given with an array of integers and an integer K. Write a program to find and print all pairs which have difference K.

Take difference as absolute.

Input Format :

```
Line 1 : Integer n, Size of array
Line 2 : Array elements (separated by space)
Line 3 : K
```

Output format :

Print pairs in different lines (pair elements separated by space). In a pair, smaller element should be printed first.
(Order of different pairs is not important)

Constraints :

$$0 \leq n \leq 10^4$$

Sample Input 1 :

```
4
5 1 2 4
3
```

Sample Output 1 :

```
2 5
1 4
```

Sample Input 2 :

```
4
4 4 4 4
```

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