## Pairs by Difference

Write a program that **count the number of pairs** in given array **which** **difference is equal to given number**.

### Input

* The **first line** holds the **sequence of numbers**.
* The **second line** holds the **difference**.

### Examples

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Comments** |
| 1 5 3 4 2  2 | 3 | Pairs of elements with difference 2 -> {1, 3}, {5, 3}, {4, 2} |
| 5 3 8 10 12 1  1 | 0 | No pairs with difference 1 |