**Problem : Accico Equi Pairs**

Ron Wesley has been bit by a three headed snake and Harry Potter is searching for a potion. The Witch promises to tell the ingredients of the medicine if Harry can find **equi pair** of an array. Listen to the conversation between Harry The witch to know more about equi pairs.  
  
**Conversation:-**  
  
*The Witch : To find the equi pair, you must know how to find the slices first.  
Harry         : What is a slice?  
The Witch : If Z is an array with N elements, a slice of indices (X, Y) is Z[X] + Z[X+1]...Z[Y]  
Harry         : How can I use it to find equi pair?  
The Witch : (a, b) is an equi pair if slice of (0, a-1) = slice of (a+1, b-1) = slice of (b+1, N-1) and b>a+1 and size of array > 4*

**Input Format:**  
  
An array of N integers delimited by white space

**Output Format:**  
  
Print equi pair in first line in the format { a,b }  
Print slices in the format { 0,a-1 }, { a+1,b-1 }, { b+1,N-1 }  
  
OR  
  
Print "Array does not contain any equi pair" if there are no equi pairs in the array

**Constraints:**

**Zi >= 0 and 1<= i <=N**

**size of array (N) > 4**

**b > (a+1)**

[**Sample Input and Output**](https://www.blogger.com/null)

|  |  |  |
| --- | --- | --- |
| **SNo.** | **Input** | **Output** |
| 1 | 8 3 5 2 10 6 7 9 5 2 | Indices which form equi pair { 3,6 } Slices are { 0,2 },{ 4,5 },{ 7,9 } |
| 2 | 6 2 6 2 3 3 1 9 | Array does not contain any equi pair |

[**Explanation for sample input output 1:**](https://www.blogger.com/null)  
 [Here index { 3,6 } is an equi pair.](https://www.blogger.com/null)  
[Because Slice of { 0,2 } = 8+3+5=16 is equal to Slice of { 4,5 }=10+6 = 16 and it is equal to Slice of { 7,9 }=9+5+2 =16](https://www.blogger.com/null)