```java
import java.util.*;
import java.io.*;
import java.lang.Math;
class Array
{
public static void main(String args[]) throws IOException
{
int arr[]=new int[5];
int k=0;
int num;
Scanner sc=new Scanner(System.in);
while(k<5)
{
System.out.print("Enter number "+(k+1));
num = sc.nextInt();
arr[k]=num;
k++;
}
int j=0,d=1;
while(j==0)
{
for(int i=0;i<4;i++)
{
if(Math.abs(arr[i]-arr[i+1])==d)
{
j=1;
System.out.print(" "+i);
break;
}
}
d++;
}
}
}
```