```java
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;
import java.util.Stack;


public class Jump {

        /**
         * @param args
         */
        public static void main(String[] args) {
                BufferedReader br = new BufferedReader(new InputStreamReader(System.in));
                String s;
                String valuesS[];
                int array[];
                int maxPos;

                try {
                        while(!((s = br.readLine()).equals("0")))
                        {
                                array = new int[Integer.parseInt(s)];
                                s = br.readLine();
                                valuesS = s.split(" ");
                                for(int i = 0; i < valuesS.length; i++)
                                {
                                        array[i] = Integer.parseInt(valuesS[i]);
                                }

                                Stack<Integer> pebbles = new Stack<Integer>();

                                pebbles.push(0);

                                maxPos = 0;
                                abc:
                                while(!pebbles.isEmpty())
                                {
                                        int p = pebbles.pop();
                                        if(array[p] == -1)
                                                continue;
                                        //System.out.println(p);
                                        for(int i = 0; i < array.length; i++)
                                        {
                                                if(p == i)
                                                        continue;
                                                if(array[i] == -1)
                                                        continue;
                                                if((array[p] + array[i]) == Math.abs(i - p))
                                                {
                                                        pebbles.push(i);
                                                        if(i > maxPos)
                                                        {
                                                                maxPos = i;
                                                                //System.out.println(maxPos);
                                                                if(maxPos == array.length -1)
                                                                        break abc;
                                                        }
                                                }
                                        }
                                        array[p] = -1;
                                }

                                System.out.println(maxPos);
                        }
                } catch (IOException e) {
                        // TODO Auto-generated catch block
                        e.printStackTrace();
                }

        }

}

class Pebble
{
        public int position;
        public int value;

        public Pebble(int position, int value) {
                super();
                this.position = position;
                this.value = value;
        }


}
```