```
import java.util.Scanner;

public class LoveAtFirstSight {

	public static void main(String[] args) {
		Scanner sc = new Scanner(System.in);
		int n = sc.nextInt();
		boolean c1 = false;
		boolean c2 = false;
		boolean c3 = false;
		boolean c4 = false;
		String[][] love = new String[n][n];
		for(int i=0; i<n; i++) {
			for(int j=0; j<n; j++) {
				love[i][j] = sc.next();
			}
		}

		for(int i=0; i<n; i++) {
			for(int j=0; j<n; j++) {
				if(love[i][j].equalsIgnoreCase("L") && j != n-3) {
					if(love[i][j].equalsIgnoreCase("L") && love[i][j+1].equalsIgnoreCase("O") && love[i][j+2].equalsIgnoreCase("V") && love[i][j+3].equalsIgnoreCase("E")) {
						System.out.println(i+" "+j);
						c1 = true;
						break;
					}
				}
			}
			if(c1 == true) {
				break;
			}
		}
		if(c1 == false) {
			System.out.println("-1 -1");
		}
		for(int i=0; i<n; i++) {
			for(int j=0; j<n; j++) {
				if(love[j][i].equalsIgnoreCase("L") && j != n-4) {
					if(love[j][i].equalsIgnoreCase("L") && love[j+1][i].equalsIgnoreCase("O") && love[j+2][i].equalsIgnoreCase("V") && love[j+3][i].equalsIgnoreCase("E")) {
						System.out.println(j+" "+i);
						c2 = true;
						break;
					}
				}
			}
			if(c2 == true) {
				break;
			}
		}
		if(c2 == false) {
			System.out.println("-1 -1");
		}
		for(int i=0; i<n; i++) {
			if(love[i][i].equalsIgnoreCase("L") && i != n-3) {
				if(love[i][i].equalsIgnoreCase("L") && love[i+1][i+1].equalsIgnoreCase("O") && love[i+2][i+2].equalsIgnoreCase("V") && love[i+3][i+3].equalsIgnoreCase("E"))
{
					System.out.println(i+" "+i);
					c3 = true;
					break;
				}
			}
		}
		if(c3 == false) {
			System.out.println("-1 -1");
		}
		int temp = n-1;
		for(int i=0; i<n; i++) {
				if(love[temp-i][i].equalsIgnoreCase("L") && i != n-3) {
					if(love[temp-i][i].equalsIgnoreCase("L") && love[temp-i-1][i+1].equalsIgnoreCase("O") && love[temp-i-2][i+2].equalsIgnoreCase("V") && love[temp-
i-3][i+3].equalsIgnoreCase("E")) {
						System.out.println(temp-i+" "+i);
						c4 = true;
						break;
					}
				}
		}
		if(c4 == false) {
			System.out.println("-1 -1");
		}

	}

}
```

```
import java.util.Scanner;

public class Modulo {

	public static void main(String[] args) {
		Scanner sc = new Scanner(System.in);
		int b = sc.nextInt();
		int n = sc.nextInt();
		int[] inteGer = new int[n];
		int[] result = new int[n];
		for(int i=0; i<n; i++) {
			inteGer[i] = sc.nextInt();
			result[i] = inteGer[i]%b;
		}


		int check;
		for(int i=0; i<n; i++) {
			check = result[i];
			for(int j=0; j<n; j++) {
				if(check == result[j] && j != i) {
					result[j] = -99;
				}
			}
		}
		int count = 0;
		for(int i=0; i<n; i++) {
			if(result[i] != -99) {
				count++;
			}
		}
		System.out.print(count);

	}

}
```