

B3985 롤 케이크

날짜	@2021년 8월 25일
링크	https://www.acmicpc.net/problem/3985
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```
package bronze1;

import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;
import java.util.Arrays;
import java.util.StringTokenizer;

public class B3985_롤케이크_1 {
    static int N, L, max, maxIdx, exMax, exMaxIdx;
    static int[] cake, cnt;

    public static void main(String[] args) throws IOException {
        BufferedReader br = new BufferedReader(new InputStreamReader(System.in));
        StringTokenizer st;
        L = Integer.parseInt(br.readLine());
        N = Integer.parseInt(br.readLine());
        cake = new int[L + 1];
        cnt = new int[N + 1];
        for (int n = 1; n <= N; n++) { // 방청객 번호
            st = new StringTokenizer(br.readLine());
            int start = Integer.parseInt(st.nextToken());
            int end = Integer.parseInt(st.nextToken());
            if (exMax < end - start) {
                exMax = end - start;
                exMaxIdx = n;
            }

            for (int idx = start; idx <= end; idx++) {
                if (cake[idx] == 0) {
                    cake[idx] = n;
                    if (max < ++cnt[n]) {
                        max = cnt[n];
                        maxIdx = n;
                    }
                }
            }
        }

        System.out.println(exMaxIdx);
        System.out.println(maxIdx);
    }
}
```

```
}  
}
```