

SWEA 9229 한빈이와 Spot Mart

📅 날짜	@2021년 8월 9일 → 2021년 8월 9일
🔗 링크	
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🏷 태그	D3 SWEA

```
import java.io.BufferedReader;
import java.io.FileInputStream;
import java.io.IOException;
import java.io.InputStreamReader;
import java.util.StringTokenizer;

//public class Solution {
public class SWEA9229_D3_1 {
    static int M, N, R = 2;
    static int[] up;
    static int maxWeight;

    public static void main(String[] args) throws NumberFormatException, IOException {
        System.setIn(new FileInputStream("C:/CodingStudy/SWEA/D3/9229_input.txt"));
        BufferedReader br = new BufferedReader(new InputStreamReader(System.in));
        int T = Integer.parseInt(br.readLine());
        StringTokenizer st;
        for (int tc = 1; tc <= T; tc++) {
            maxWeight = 0;
            st = new StringTokenizer(br.readLine());
            N = Integer.parseInt(st.nextToken());
            M = Integer.parseInt(st.nextToken());
            up = new int[N];
            st = new StringTokenizer(br.readLine());
            for (int i = 0; i < N; i++) {
                up[i] = Integer.parseInt(st.nextToken());
            }
            findMax(0, 0, 0);
            if(maxWeight == 0)
                System.out.println("#"+tc+ " "+-1);
            else
                System.out.println("#"+tc+ " "+maxWeight);
        }
    }

    public static void findMax(int idx, int cnt, int nowWeight) {
        if (cnt == R) {
            if (nowWeight <= M) {
                if (nowWeight > maxWeight)
                    maxWeight = nowWeight;
            }
        }
    }
}
```

```
        return;
    }
    if (idx >= N) {
        return;
    }
    findMax(idx + 1, cnt + 1, nowWeight + up[idx]);
    findMax(idx + 1, cnt, nowWeight);
}
}
```