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#include <stdio.h>
#include <stdlib.h>
#include <stdbool.h>
int main()
{
    int N, A, S, X, i = 1, present_a = 0, absent_a = 0;
    // bool session_cancelled;
    printf("Enter number of registered students");
    scanf("%d", &N);
    printf("Enter the minimum attendance required");
    scanf("%d", &A);
    printf("Enter the absence threshold");
    scanf("%d", &S);
    while (i <= N && absent_a != S)
    {
        printf("Enter number of attended sessions for student %d", i);
        scanf("%d", &X);
        if (X < A)
        {
            absent_a += 1;
        }
        else
        {
            present_a += 1;
        }

        printf("present students: %d", present_a);
        printf("absent students: %d", absent_a);
        if (absent_a == S)
        {
            // session_cancelled = 1;
            printf("total processed student %d", processed_a);
            printf("session cancelled");
        }
        else
        {
            printf("session valid");
        }
    }

    return 0;
}
```