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#include <stdio.h>
int main()
{
    int N, S, A;
    printf("enter num of students");
    scanf("%d", &N);
    printf("min attendance req");
    scanf("%d", &A);
    printf("absence threshold");
    scanf("%d", &S);
    int i, x, P = 0, D = 0;
    for (int i = 1; i <= N; i++)
    {
        printf("enter num of attendance for student %d", i);
        scanf("%d", &x);
        printf("Num of students are %d", i);
        if (x < A)
        {
            P++;
            printf("students are absents");
        }
        else
        {
            D++;
            printf("%d students are present", D);
        }
    }

    int T = 0;
    T = D + P;
    printf("total students is %d", T);
    printf("present students are %d", D);
    printf("absent students are %d", P);
    if (T >= S)
    {
        printf("session valid");
    }
    else
    {
        printf("session cancelled");
    }
}

return 0;
}
```