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```c
#include <stdio.h>
int main()
{
    int N, A, S, X, student = 1, count = 0, absent, present;
    printf("Enter the total number of registered students: ");
    scanf("%d", &N);
    printf("Enter minimum attendance required: ");
    scanf("%d", &A);
    printf("Enter absence threshold: ");
    scanf("%d", &S);
    while (student <= N || count == 5)
    {
        printf("Enter number of attended sessions: ");
        scanf("%d", &x);
        if (x <A)
        {
            printf("Considered absent");
            count++;
        }

        else
        {
            printf("Considered Present");
            student++;
        }

    }

    absent = count;
    present = N - count;
    printf("number of present students: %d", present);
    printf("number of absent student: %d", absent);
    if (present <absent)
    {
        printf("Exam cancelled");
    }

    else
    {
        printf("Exam valid");
    }

    return 0;
}
```