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#include <stdio.h>
int main()
{
    int N, A, S, X, i, absent, present;
    printf("total number of registered students");
    scanf("%d", &N);
    printf("minimum attendance required");
    scanf("%d", &A);
    printf("absence threshold");
    scanf("%d", &S);
    printf("Enter the number of attended sessions");
    scanf("%d", &X);
    if (X >= A)
    {
        printf("the student is present");
        for (i = 0; i <= N; i++)
        {
            printf("present student");
            present = i;
        }
    }

    else
    {
        printf("the student absent");
        absent = N - i;
        printf("%d", &absent);
    }

    if (i >= S)
    {
        printf("Session cancelled");
    }

    else
    {
        printf("Session Valid");
    }

    return 0;
}
```