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#include <stdio.h>
int main()
{
    int A, N, S, n;
    // Input data printf("Enter the number of total registered students = ");
    scanf("%d", &N);
    printf("enter the minimum attendance required = ");
    scanf("%d", &A);
    printf("enter the absence threshold = ");
    scanf("%d", &S);
    for (int i = 1; i <= N; i++)
    {
        if (i < A) // for each student
        {
            printf("the student is considered absent");
        }
        else
        {
            printf("the student is present");
        }
    }

    if (i == N || N == S)
    {
        printf("simulation stop.");
    }

    if (A == i)
    {
        printf("the session valid");
    }
    else
    {
        if (A < i)
        {
            printf("the session cancelled");
        }
    }
}

return 0;
}
```