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#include <stdio.h>
int main()
{
    int n, A, S, S1 = 0, n1 = 0, x;
    printf("enter total numbere of registered students \n");
    scanf("%d", &n);
    printf("enter minimum attendance required \n");
    scanf("%d", &A);
    printf("enter absense threshold");
    scanf("%d", &S);
    for (int i = 0; i <= n; i++)
    {
        if (S1 <= S)
        {
            printf("the numbere of attended sessions x : \n");
            scanf("%d", &x);
            if (x < A)
            {
                S1 = S1 + 1;
                printf("student numbere: %d - Present students: %d - absent student: %d \n",
                    i, S1, n - S1);
            }
            else
            {
                n1 = n1 + 1;
                printf("student numbere: %d - Present students : %d - absent student: %d \n",
                    i, S1, n - S1);
            }
        }
        else
        {
            n = i;
        }
    }

    if (S1 == S || n1 >= n)
    {
        printf("Session cancelled \n");
    }
    else
    {
        printf("Session valid \n");
    }

    printf("\n");
    return 0;
}
```

