Copy 2

```c
#include <stdio.h>
int main()
{
    int N, A, S, x, sA, sP, sT;
    printf("Enter the total number of registred student : ");
    scanf("%d", &N);
    printf("Enter the minimum attendance required : ");
    scanf("%d", &A);
    printf("Enter the absents threshold : ");
    scanf("%d", &S);
    for (int i = 0; i <= N; i++)
    {
        printf("Enter x : ", i + 1);
        scanf("%d", &x);
        if (x <A)
        {
            printf("the student is absent.");
        }

        else
        {
            printf("the student is present\n");
        }

        sP = N - x;
        sA = N - sP;
        printf("the student present students = %d", sP);
        printf("the absent students = %d", sA);
        if (x == N || x == S)
        {
            printf("simulation stops");
            sT = sP + sA;
            printf(" the total processed students = %d", sT);
            printf(" the present students = %d", sP);
            printf(" the absent students = %d", sA);
            // Final status: if (N <sA)
            {
                printf(" session cancelled!");
            }

            else
            {
                printf(" session valid");
            }

            return 0;
        }

    }
}
```

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}
```