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```
#include <stdio.h>
int main()
{
    int N, A, S;
    printf("N = ");
    scanf("%d", &N);
    printf("A = ");
    scanf("%d", &A);
    printf("S = ");
    scanf("%d", &S);
    int i, X, P = 0, a = 0;
    // p: present students, a: absent for (i = 1; i <= N || a > S; i++)
    {
        printf("%d", i);
        scanf("%d", &X);
        if (X < A)
        {
            printf("%d absent", i);
            a++;
        }
        else
        {
            printf("%d present", i);
            P++;
        }
    }

    printf("a = %d", a);
    printf("p = %d", P);
}

if (a < S)
{
    printf("Session Valid");
}

else
{
    printf("session cancelled");
}

return 0;
}
```