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#include <stdio.h>
int main()
{
    int N, A, S, X;
    int i, na = 0, np;
    printf("Enter the total number of registered students: ");
    scanf("%d", &N);
    for (i = 1; i <= N; i++)
    {
        printf("student %d", i);
        scanf("%d", &X);
        if (X < A)
        {
            na = na + 1;
        }

        else
        {
            np = np + 1;
        }

        if (i == N || na == S)
        {
            printf("stop the simulation");
            break;
        }

    }

    printf("present students is %d", np);
    printf("absent students is %d", na);
    if (na <= np)
    {
        printf("valid");
    }

    else
    {
        printf("cancelled");
    }

    return 0;
}
```