

```
#include <stdio.h>
int main()
{
    int S, A, N;
    int x;
    int absent = 0, present = 0;
    printf("Enter number of students N");
    scanf("%d", &N);
    printf("Enter minimum attendance A");
    scanf("%d", &A);
    printf("Enter absence threshold S");
    scanf("%d", &S);
    while (N <= S && S > absent)
    {
        printf("Student number %d enter attended sessions", i);
        scanf("%d", &x);
        if (x < A)
        {
            absent++;
        }

        else
        {
            present++;
        }

        i++;
        printf("Processing %d : Present %d / Absent %d \n", i, present, absent);
        if (S <= absent)
        {
            printf("Final Status: Exam Cancelled");
        }

        else
        {
            printf("Final Status: Exam Valid");
        }

    }

    return 0;
}
```