```c
#include <stdio.h>
int main()
{
    int N, A, S, x, i, n = 0;
    int OS = 0;
    int PS = 0;
    printf("enter number de students\n");
    scanf("%d", &N);
    printf("enter minimum attendance required\n");
    scanf("%d", &A);
    printf("enter absence threshold\n");
    scanf("%d", &S);
    for (i = 1; i <= N; i++)
    {
        if (i <= N && OS <S)
        {
            printf("enter number of attended sessions\n");
            scanf("%d", &X);
            if (X <A)
            {
                OS = OS + 1;
            }

            else
            {
                PS = PS + 1;
            }

            printf("%d", OS);
            printf("%d", PS);
            printf("%d", i);
        }

        n = n + i;
    }

    if (n <S)
    {
        printf("Exam valid");
    }

    else
    {
        printf("Exam cancelled");
    }

    return 0;
}
```