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#include <stdio.h>
int main()
{
    int N = 0;
    int A = 0;
    int S = 0;
    int X = 0;
    int i;
    int absent = 0;
    int present = 0;
    printf("Enter the number of registered students : ");
    scanf("%d", &N);
    printf("Enter the min attendance required : ");
    scanf("%d", &A);
    printf("Enter the absence threshold : ");
    scanf("%d", &S);
    for (i = 0; i <N; i++)
    {
        printf("enter the number of attended sessions : ");
        scanf("%d", &X);
        if (X <A)
        {
            printf("student %d is absent", i);
            absent++;
        }
        else
        {
            printf("student %d is present", i);
            present++;
        }

        printf("student number : %d\n", i);
        printf("%d absent students\n", absent);
        printf("%d present students\n", present);
        if (absent>= S)
        {
            i = N;
        }
    }

    int processed = absent + present;
    printf("the total number of processed students is : %d", processed);
    printf("%d present students", present);
    printf("%d absent students", absent);
    if (absent>= S)
    {
        printf("valid Session");
    }
}
```

```
}

else
{
    printf( "Cancelled Session" );
}

return 0;
}
```