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#include <stdio.h>
int main ( )
{
    int N, A, S ;
    int X ;
    int p = 0;
    int b = 0;
    printf ( " total number of Students : " ) ;
    scanf ( " %d " , & N ) ;
    printf ( " minimum attendance required : " ) ;
    scanf ( " %d " , & A ) ;
    printf ( " absence threshold : " ) ;
    scanf ( " %d " , & S ) ;
    for ( int i = 1 ; i <= N || i <= ( b == S ) ;
    i ++ )
    {
        printf ( " Student % d " , i ) ;
        printf ( " number of attended sessions : " ) ;
        scanf ( " %d " , & X ) ;
        if ( A > X )
        {
            printf ( " student is absent /n " ) ;
            b = b + 1 ;
        }
        else
        {
            if ( A <= X )
            {
                printf ( " student is present /n " ) ;
                p = p + 1 ;
            }
            printf ( " absent students % d " , b ) ;
            printf ( " present students % d " , p ) ;
            if ( i == b == s )
            {
                printf ( " the number of absent reaches S : % d " , S ) ;
            }
            else
            {
                printf ( " session canceled " ) ;
                printf ( " session valid " ) ;
            }
        }
        return 0 ;
    }
}
```