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```
#include <stdio.h>
int main ( )
{
    int N, A, S ;
    int y = 0, z = 0, x ;
    printf ( " enter N : " ) ;
    scanf ( " %d ", & N ) ;
    printf ( " enter A : " ) ;
    scanf ( " %d ", & A ) ;
    printf ( " enter S : " ) ;
    scanf ( " %d ", & S ) ;
    for ( i = 0 ; ( i < N ) || ( i < S == y ) ;
        i ++ )
    {
        printf ( " number of attended session student % d ", i + 1 ) ;
        scanf ( " %d ", & x ) ;
        if ( x < A )
        {
            printf ( " student % d absent ", i + 1 ) ;
            y ++ ;
        }

        else
        {
            printf ( " student % d present ", i + 1 ) ;
            z ++ ;
        }

    }

    printf ( " students present is % d ", z ) ;
    printf ( " students absent is % d ", y ) ;
    if ( z < y )
    {
        printf ( " session valid " ) ;
    }

    else
    {
        printf ( " session cancelled " ) ;
    }

    return 0 ;
}
```