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#include <stdio.h>
int main ( )
{
    int N, A, S, X, i, present = 0, absent = 0, a ;
    print f ( " Enter the total number of registered students: " ) ;
    Scanf ( " %d ", & N ) ;
    print f ( " Enter the minimum attendance required: " ) ;
    Scanf ( " %d ", & A ) ;
    print f ( " Enter absent threshold: " ) ;
    Scanf ( " %d ", & S ) ;
    for ( i = 1, i <= N, i ++ )
    {
        a = i ;
        print f ( " the student number %d \n ", i ) ;
        print f ( " present students %d \n ", present ) ;
        print f ( " absent students %d \n ", absent ) ;
        print f ( " How many attended sessions: \n " ) ;
        Scanf ( " %d ", & X ) ;
        if ( X < A )
        {
            absent = absent + 1 ;
            else present = present + 1 ;
        }

        if ( absent == S ) i = N + 1 ;
    }

    if ( absent == S )
    {
        print f ( " %d ", a ) ;
        // proceed students if we reach S else print f ( " %d ", N ) ;
    }

    // proceed students normally print f ( " present students %d ", present ) ;
    print f ( " absent students %d ", absent ) ;
    if ( present >= A && absent <= S ) session valid ;
    else session invalid ;
    return 0 ;
}
```