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```
#include <stdio.h>
int main ( )
{
    int N, A, S, X, P = 0, ab ;
    Print f ( " To-tal number of registed students N = " ) ;
    Scan f ( " %d ", &N ) ;
    Print f ( " minimum attendance required A = " ) ;
    Scan f ( " %d ", &A ) ;
    Print f ( " absence threshold S = " ) ;
    Scan f ( " %d ", &S ) ;
    for ( int i = 1 ; i <= N ; i ++ )
    {
        Print f ( " enter the number of attended session for student %d x = ", i ) ;
        Scan f ( " %d ", &X ) ;
        if ( X <A )
        {
            Print f ( " The student %d is absent ", i ) ;
            ab = N - P ;
            Print f ( " absent students %d ", ab ) ;
        }
        else
        {
            Print f ( " The student %d is present ", i ) ;
            P = P + 1 ;
            Print f ( " Present students %d ", P ) ;
        }
    }

    Print f ( " Present students %d ", P ) ;
    Print f ( " Absent students %d ", ab ) ;
    if ( ab>= S )
    {
        Print f ( " Session cancelled " ) ;
    }
    else
    {
        Print f ( " Session valid " ) ;
    }
}

return 0 ;
}
```