

Copy 20

```
#include <stdio.h>
int main ( )
{
    int N, A, S, X, student Number = 1, Attendance = 0, Absence = 0 ;
    // N is the number total, A is the min of classes, X the number of classes the student ha
    scanf ( " %d ", & N ) ;
    Print f ( " Enter the minimum classes attended by a single student: " ) ;
    Scanf ( "%d", & A ) ;
    Print f ( " Enter the absence thrushold : " ) ;
    Scanf ( " %d ", & S ) ;
    while ( student Number <= N && absence <S )
    {
        Print f ( " how many classes did the student attend " ) ;
        scanf ( " %d ", & x ) ;
        if ( x <A )
        {
            Printf ( " the student is counted as absent " ) ;
            absence ++ ;
        }

        else
        {
            Print f ( " the student is present " ) ;
            Print f ( " %d were present \n ", Attendance ) ;
            Attendance ++ ;
            Printf ( " %d were absent \n ", absence ) ;
        }

        Print f ( " student number : %d ", studen Num ) ;
        if ( absence <S )
        {
            Print f ( " %d are present \n ", Attendance ) ;
            Print f ( " session valid " ) ;
        }

        Print f ( " %d are absent \n ", absence ) ;
        else
        {
            Print f ( " session invalid " ) ;
        }

        student Number ++ ;
        return 0 ;
    }

    // the end of the while loop.
}
```